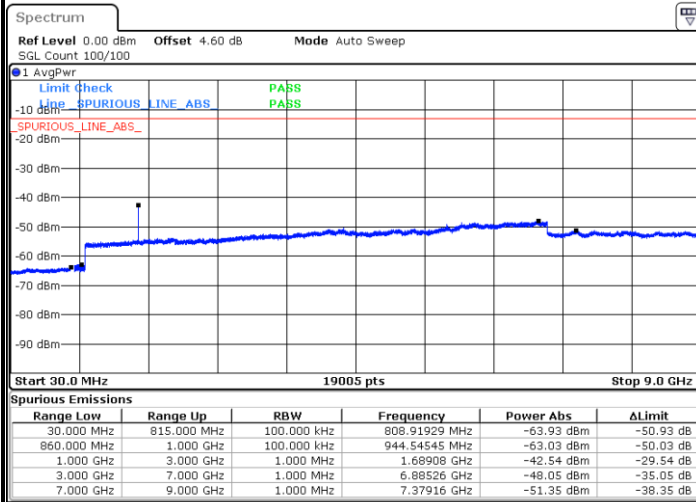




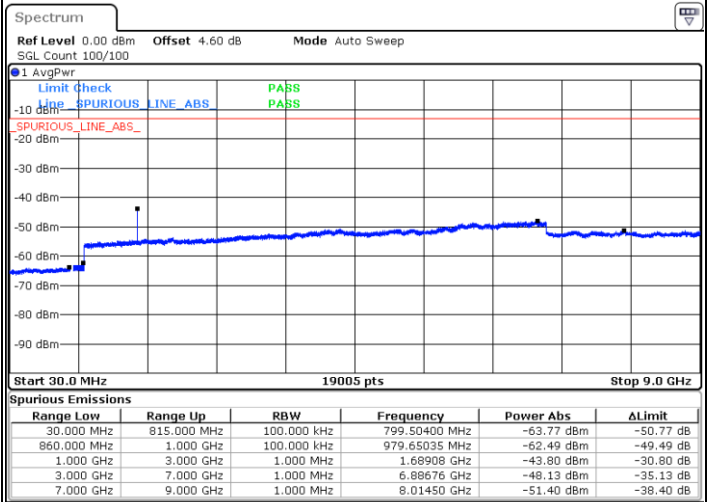
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 10.OCT.2019 04:03:56

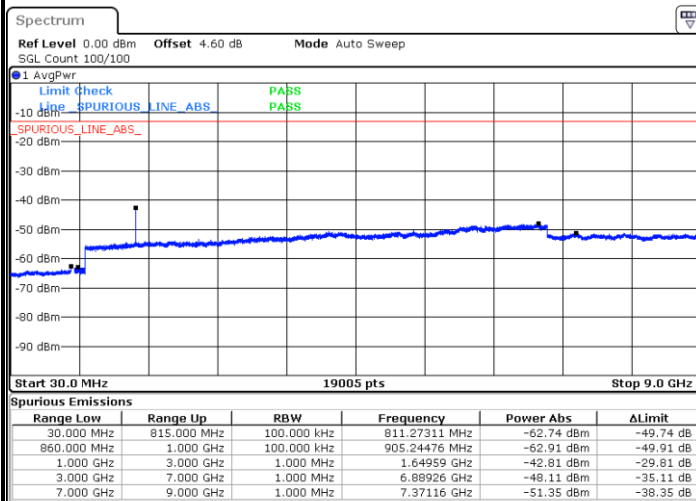
## Highest Channel / 16QAM



Date: 10.OCT.2019 04:04:21

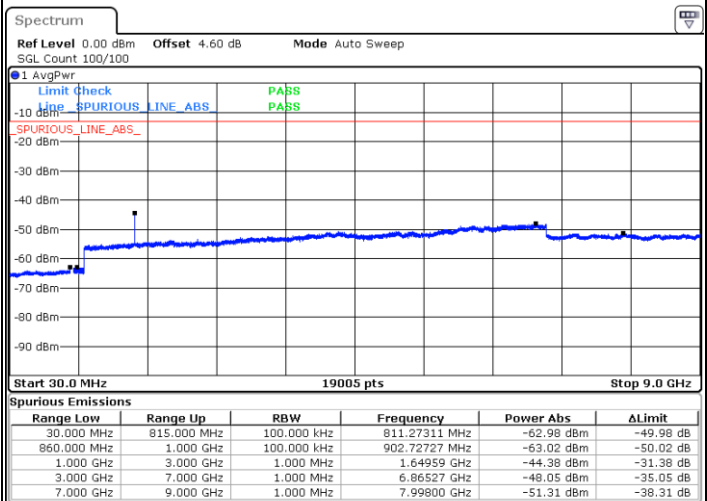
## LTE Band 26 / 10MHz

## Lowest Channel / QPSK



Date: 10.OCT.2019 05:07:50

## Lowest Channel / 16QAM

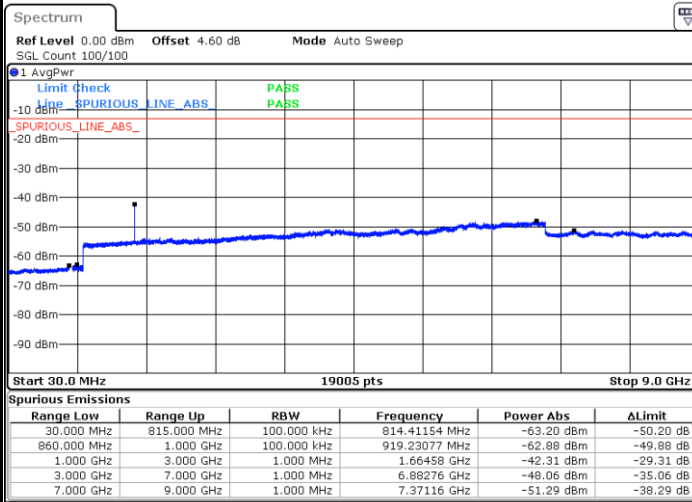


Date: 10.OCT.2019 05:09:34



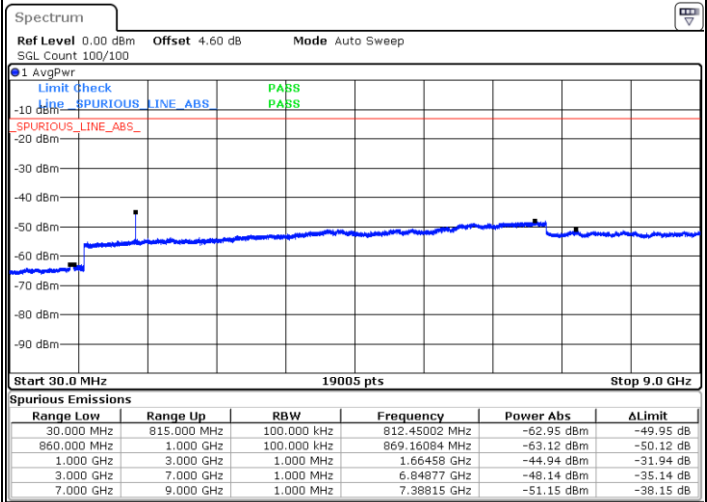
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



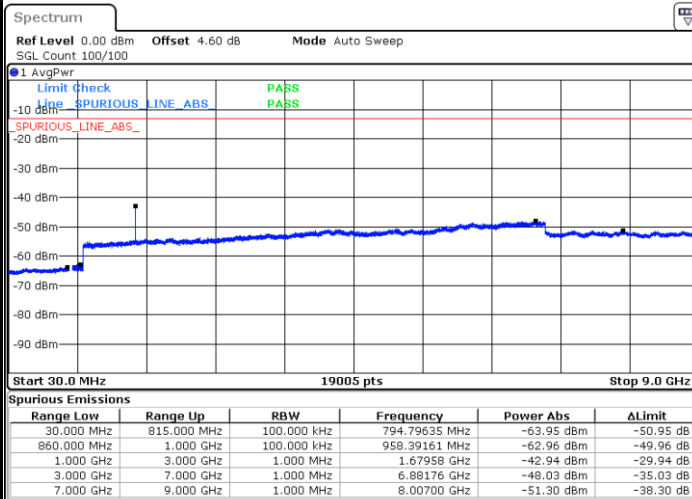
Date: 10.OCT.2019 05:13:13

## Middle Channel / 16QAM



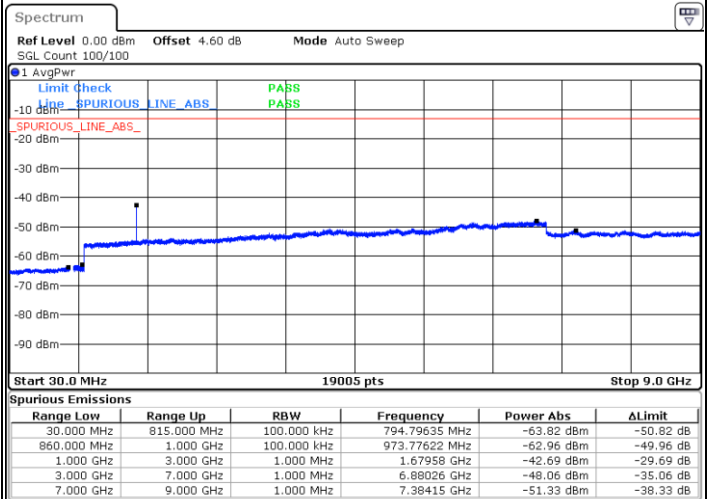
Date: 10.OCT.2019 05:12:18

## Highest Channel / QPSK



Date: 10.OCT.2019 05:14:08

## Highest Channel / 16QAM

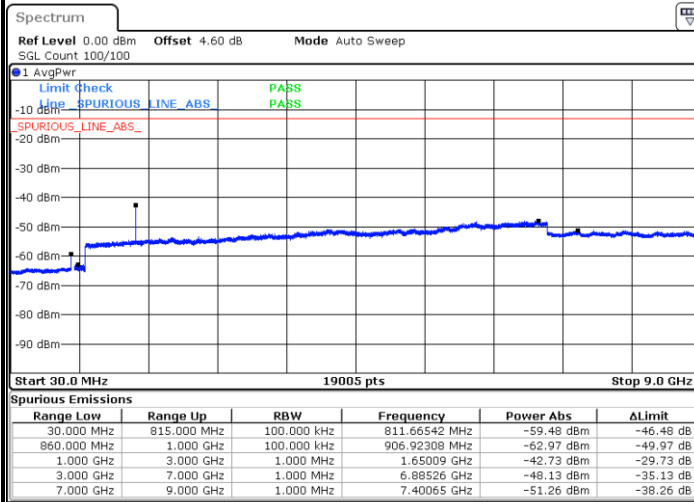


Date: 10.OCT.2019 05:15:02



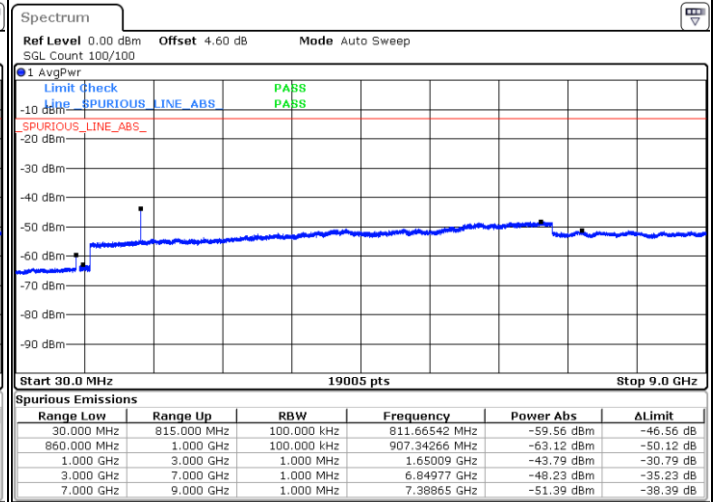
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



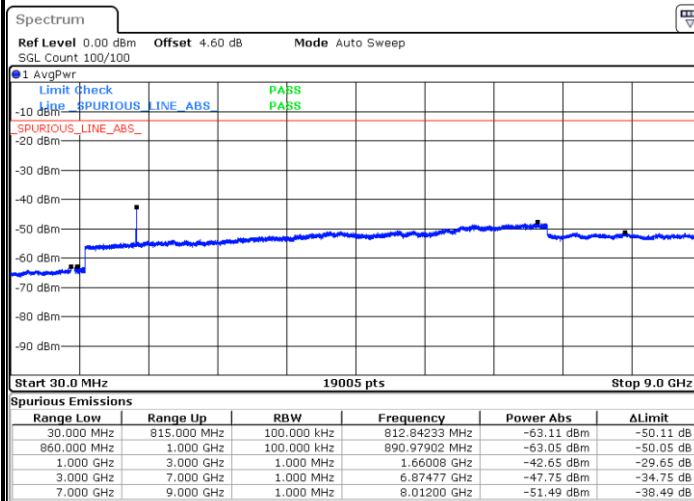
Date: 10.OCT.2019 05:26:49

## Lowest Channel / 16QAM



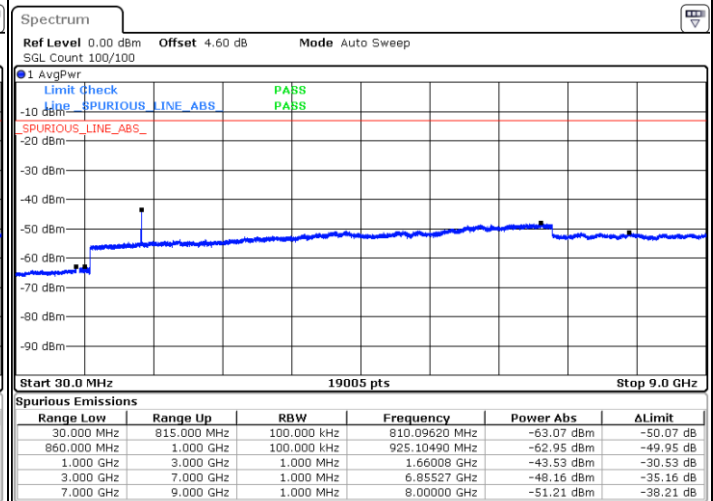
Date: 10.OCT.2019 05:27:44

## Middle Channel / QPSK



Date: 10.OCT.2019 05:31:22

## Middle Channel / 16QAM

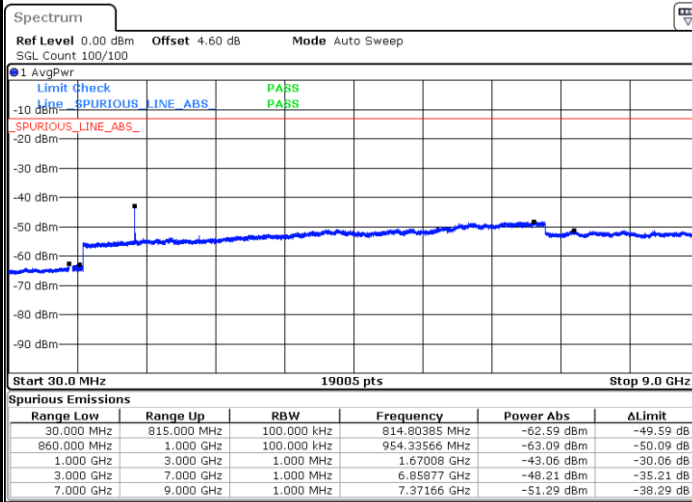


Date: 10.OCT.2019 05:30:27



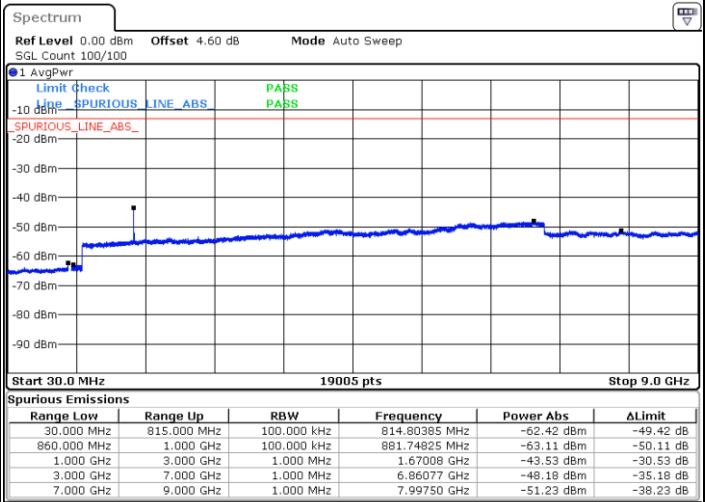
## LTE Band 26 / 15MHz

## Highest Channel / QPSK



Date: 10.OCT.2019 05:32:17

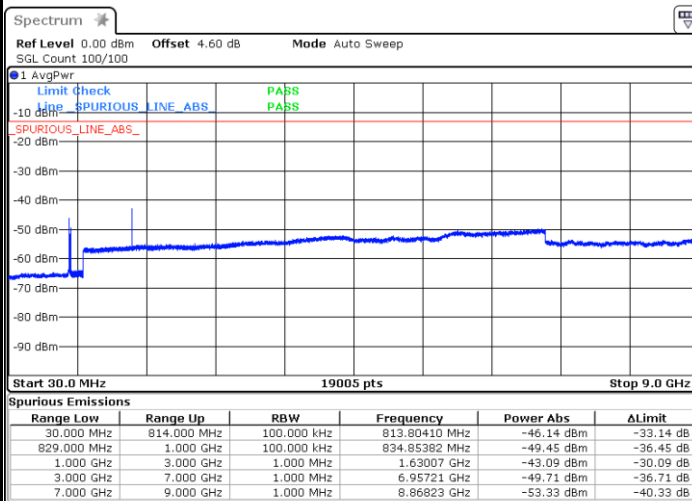
## Highest Channel / 16QAM



Date: 10.OCT.2019 05:33:11

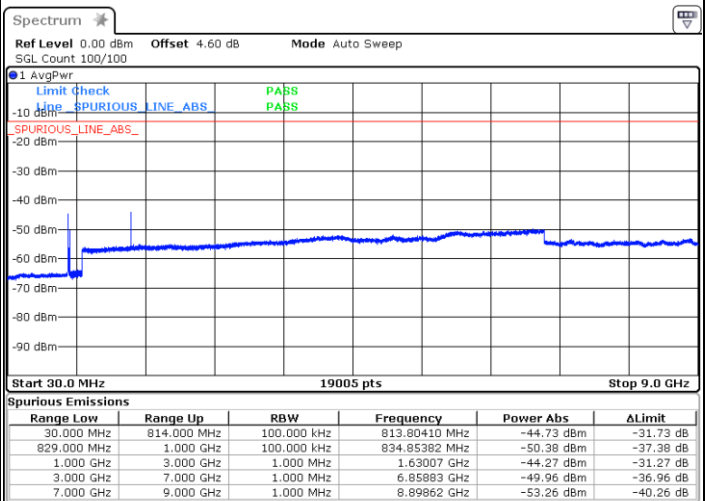
## CH26765 / 15MHz

## Lowest Channel / QPSK



Date: 13.OCT.2019 02:53:55

## Lowest Channel / 16QAM

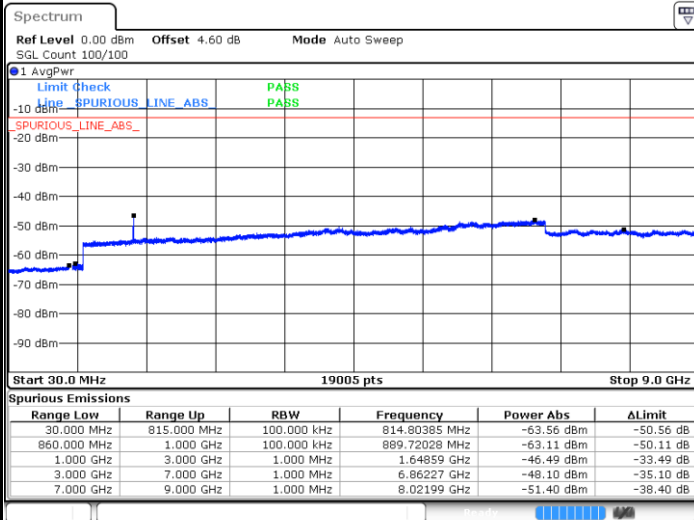


Date: 13.OCT.2019 03:01:31



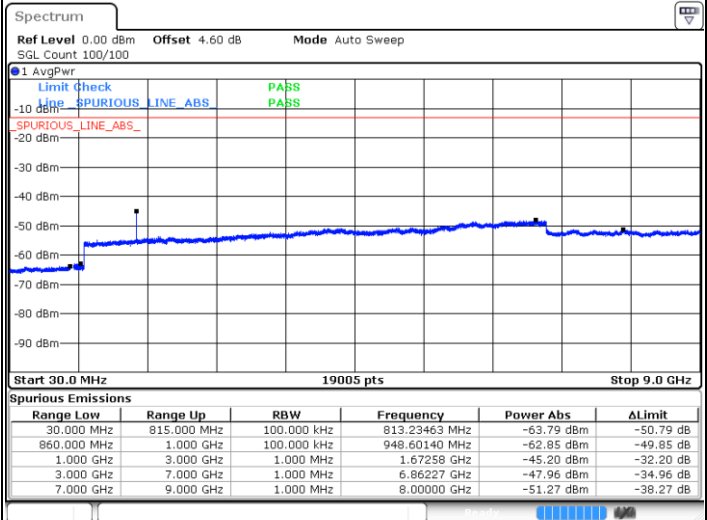
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM



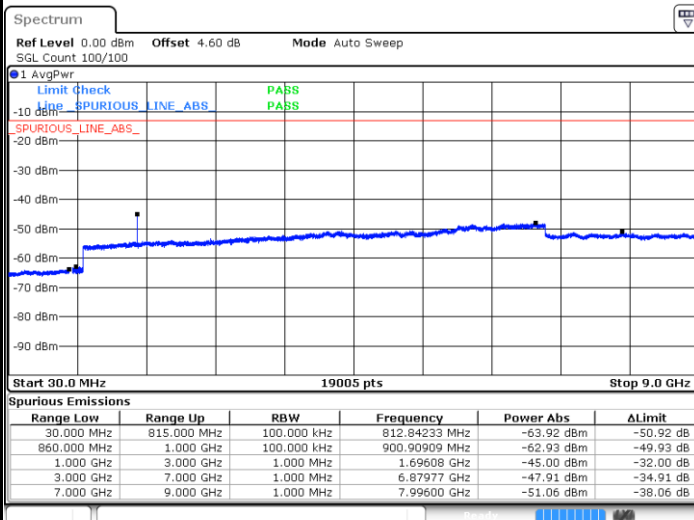
Date: 10.OCT.2019 04:18:54

## Middle Channel / 64QAM



Date: 10.OCT.2019 04:22:14

## Highest Channel / 64QAM

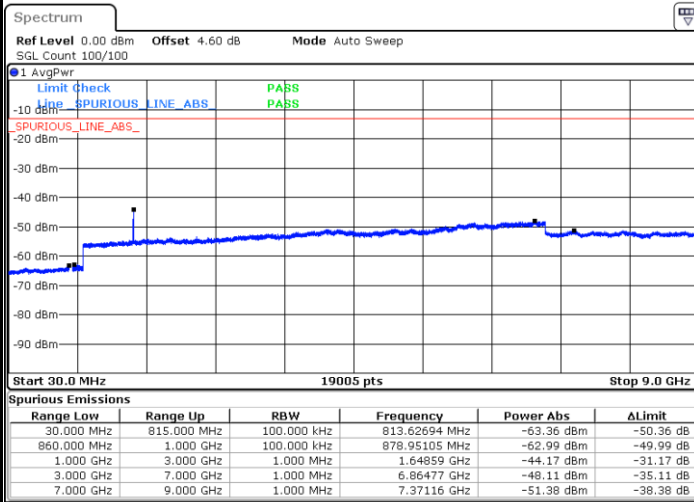


Date: 10.OCT.2019 04:25:29



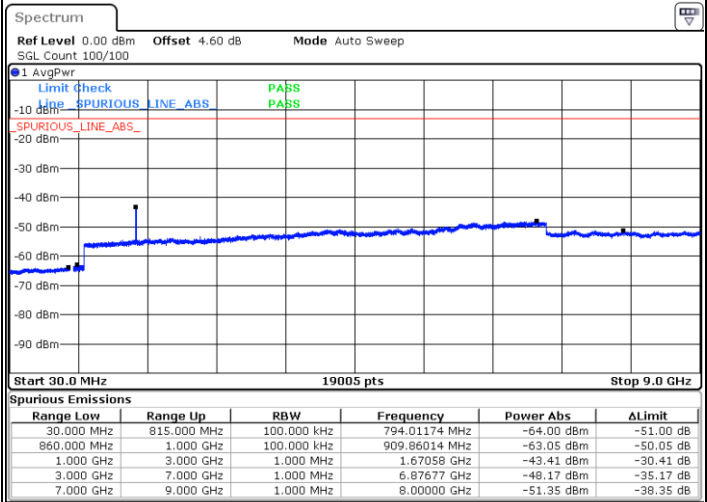
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



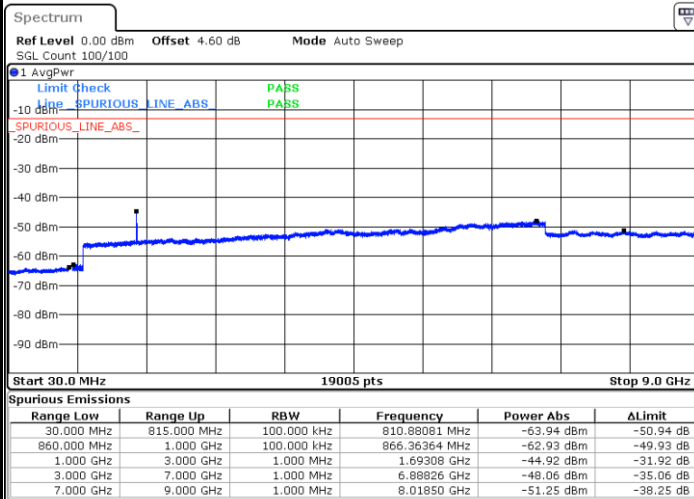
Date: 10.OCT.2019 04:05:21

## Middle Channel / 64QAM



Date: 10.OCT.2019 04:08:09

## Highest Channel / 64QAM

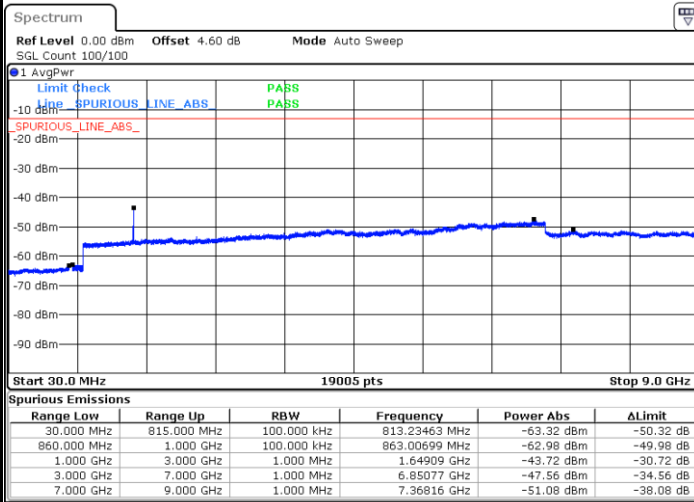


Date: 10.OCT.2019 04:08:51



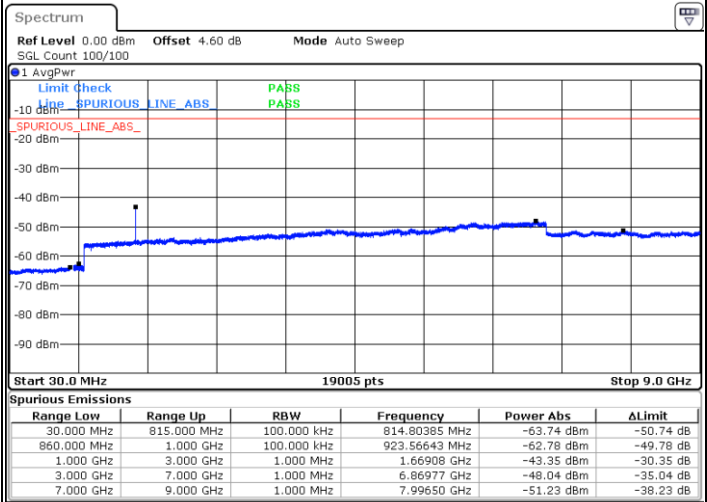
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



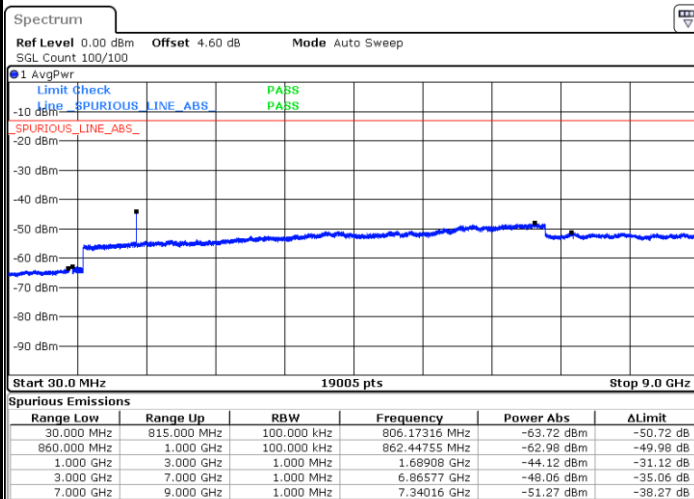
Date: 10.OCT.2019 04:00:56

## Middle Channel / 64QAM



Date: 10.OCT.2019 04:02:06

## Highest Channel / 64QAM

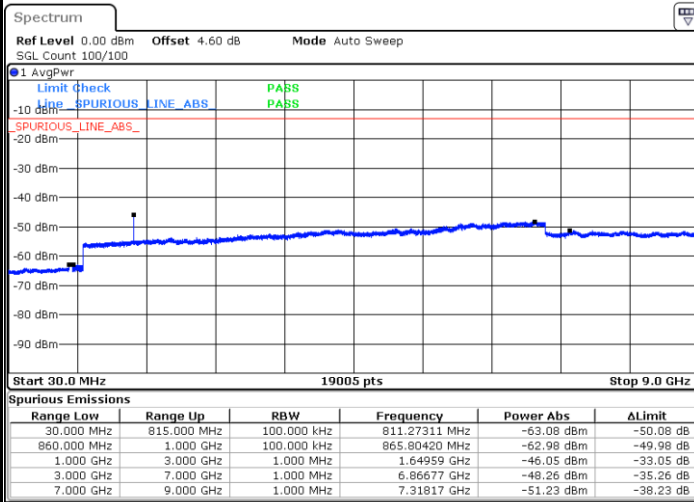


Date: 10.OCT.2019 04:04:51



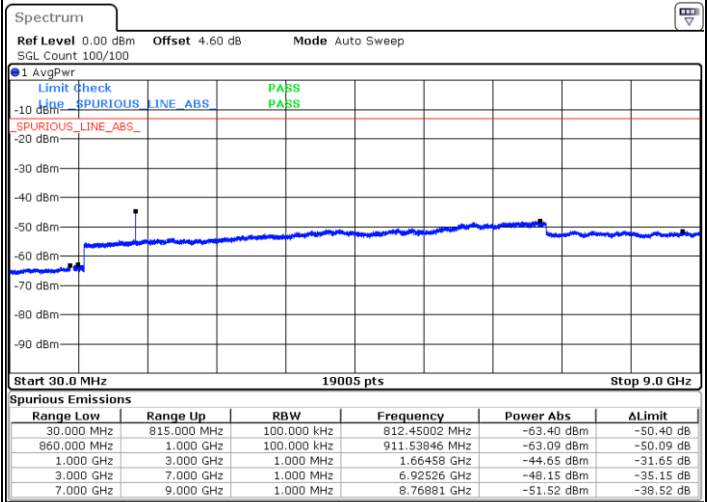
## LTE Band 26 / 10MHz

## Lowest Channel / 64QAM



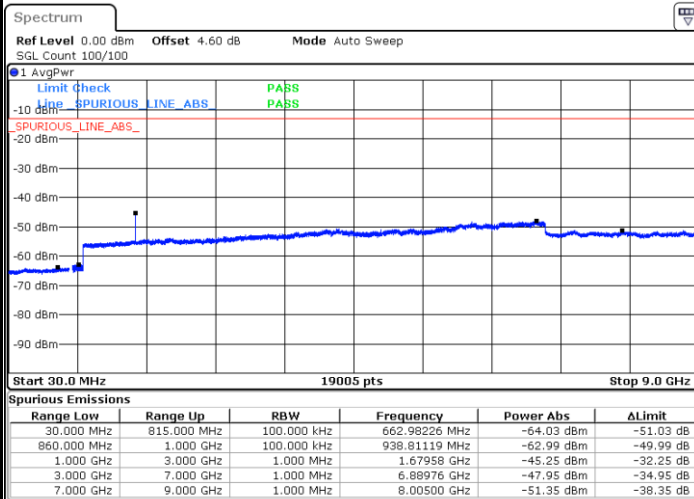
Date: 10.OCT.2019 05:10:29

## Middle Channel / 64QAM



Date: 10.OCT.2019 05:11:24

## Highest Channel / 64QAM

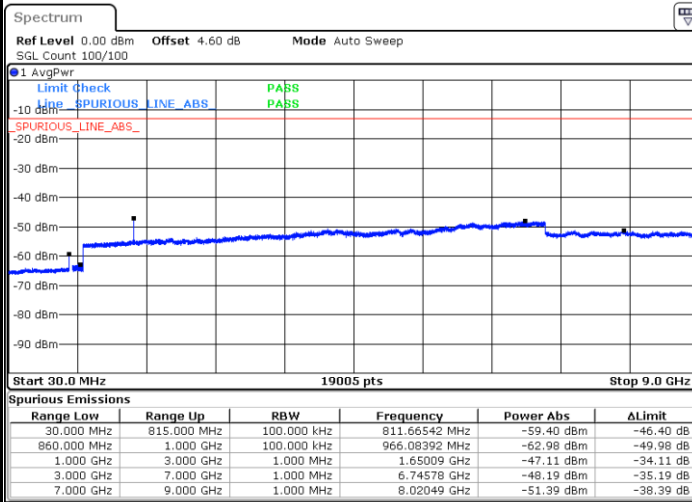


Date: 10.OCT.2019 05:15:57



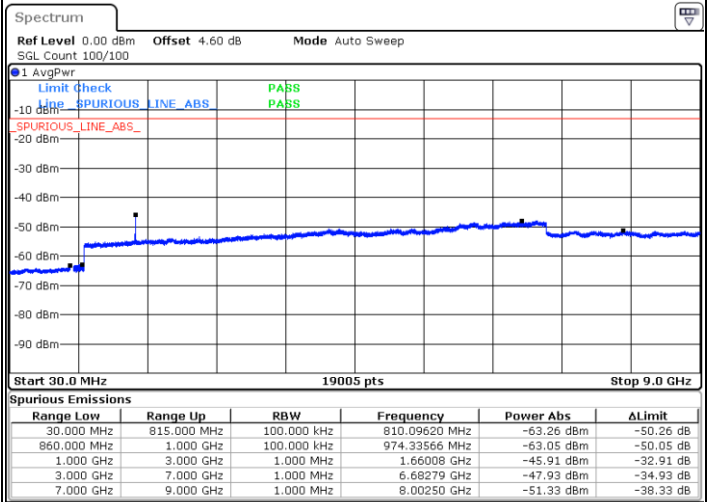
## LTE Band 26 / 15MHz

## Lowest Channel / 64QAM



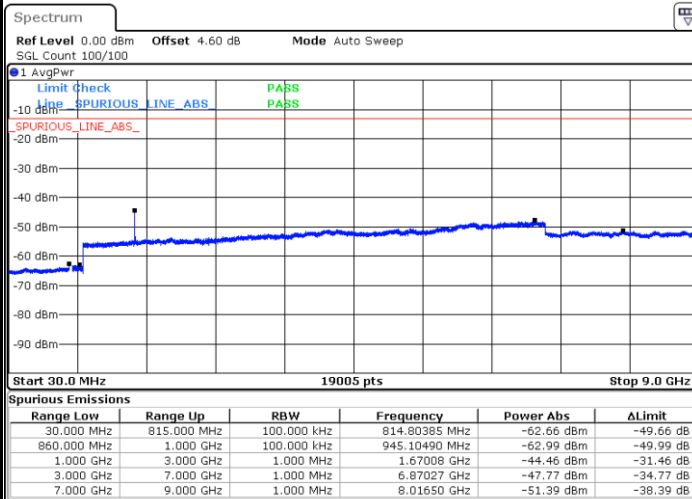
Date: 10.OCT.2019 05:28:38

## Middle Channel / 64QAM



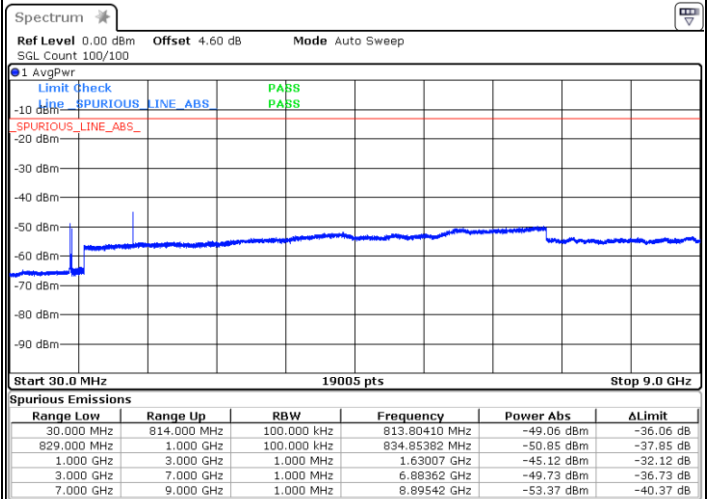
Date: 10.OCT.2019 05:29:33

## Highest Channel / 64QAM



Date: 10.OCT.2019 05:34:06

## CH26765 / 64QAM



Date: 13.OCT.2019 03:03:03

**Frequency Stability**

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | 2.5ppm |
|                  |                   | Deviation (ppm)                     | Result |
| 50               | Normal Voltage    | 0.0076                              | PASS   |
| 40               | Normal Voltage    | 0.0065                              |        |
| 30               | Normal Voltage    | 0.0016                              |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |        |
| 10               | Normal Voltage    | 0.0083                              |        |
| 0                | Normal Voltage    | 0.0069                              |        |
| -10              | Normal Voltage    | 0.0016                              |        |
| -20              | Normal Voltage    | 0.0006                              |        |
| -30              | Normal Voltage    | 0.0060                              |        |
| 20               | Maximum Voltage   | 0.0022                              |        |
| 20               | Normal Voltage    | 0.0011                              |        |
| 20               | Battery End Point | 0.0081                              |        |

**Note:** Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



## LTE Band 5B\_CA

## 26dB Bandwidth

| Mode       | LTE Band 5 : 26dB BW(MHz) |            |             |  |  |
|------------|---------------------------|------------|-------------|--|--|
| QPSK       |                           |            |             |  |  |
| BW         | 5MHz+10MHz                | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 14.565                    | 14.685     | 19.54       |  |  |
| Middle CH  | 14.505                    | 14.715     | 19.461      |  |  |
| Highest CH | 14.535                    | 14.685     | 19.5        |  |  |

| Mode       | LTE Band 5 : 26dB BW(MHz) |            |             |  |  |
|------------|---------------------------|------------|-------------|--|--|
| 16QAM      |                           |            |             |  |  |
| BW         | 5MHz+10MHz                | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 14.565                    | 14.655     | 19.66       |  |  |
| Middle CH  | 14.565                    | 14.685     | 19.62       |  |  |
| Highest CH | 14.625                    | 14.595     | 19.66       |  |  |

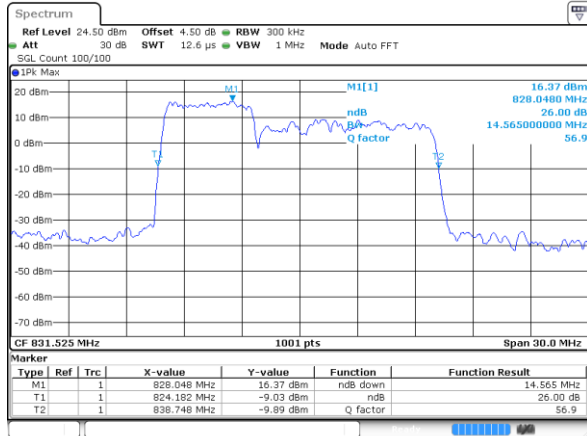
| Mode       | LTE Band 5 : 26dB BW(MHz) |            |             |  |  |
|------------|---------------------------|------------|-------------|--|--|
| 64QAM      |                           |            |             |  |  |
| BW         | 5MHz+10MHz                | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 14.535                    | 14.595     | 19.66       |  |  |
| Middle CH  | 14.535                    | 14.775     | 19.7        |  |  |
| Highest CH | 14.625                    | 14.745     | 19.66       |  |  |



## LTE Band 5

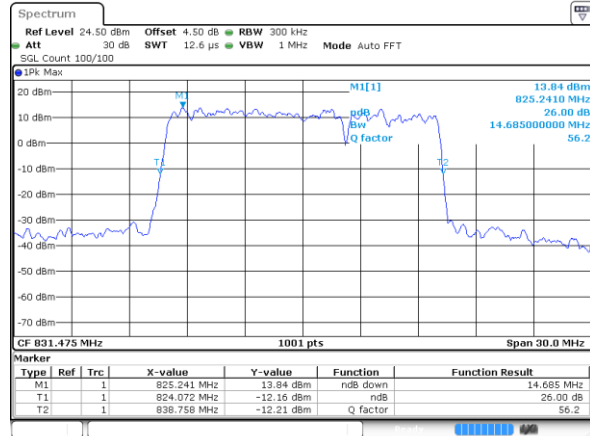
## QPSK

## Lowest Channel / 5MHz+10MHz



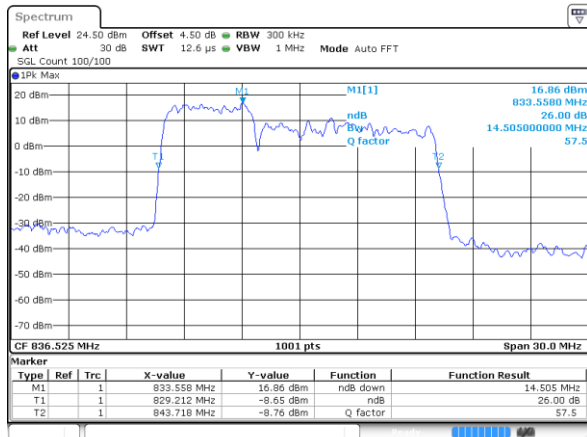
Date: 29 NOV 2019 10:27:10

## Lowest Channel / 10MHz+5MHz



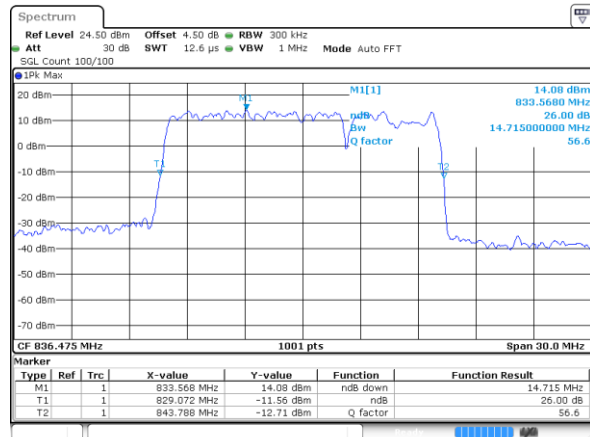
Date: 29 NOV 2019 10:53:48

## Middle Channel / 5MHz+10MHz



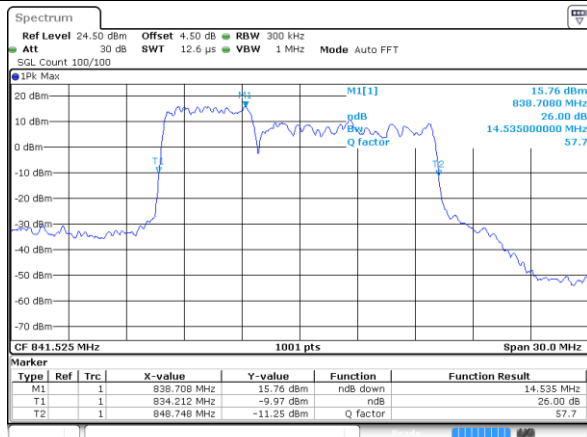
Date: 29 NOV 2019 10:35:15

## Middle Channel / 10MHz+5MHz



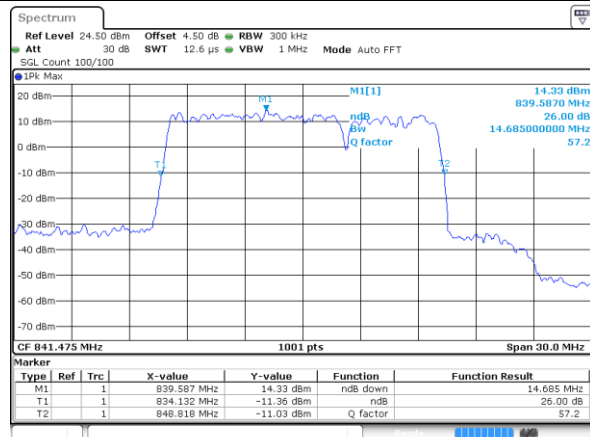
Date: 29 NOV 2019 15:36:07

## Highest Channel / 5MHz+10MHz



Date: 29 NOV 2019 10:50:56

## Highest Channel / 10MHz+5MHz



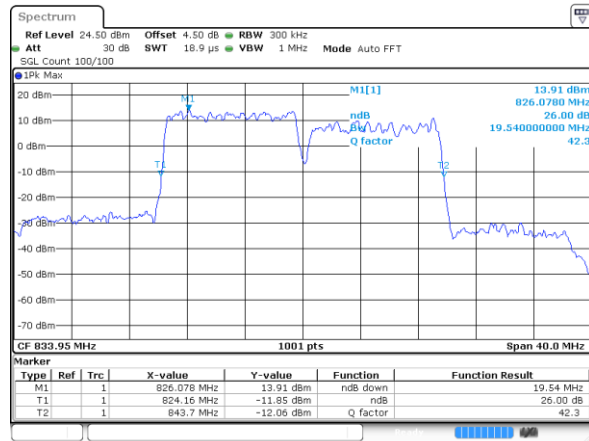
Date: 29 NOV 2019 15:01:15



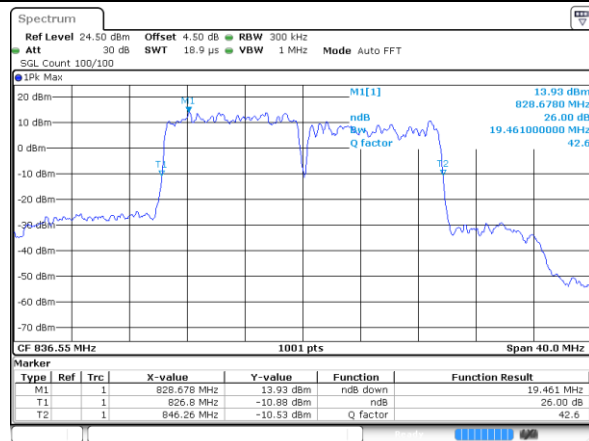
## LTE Band 5

## QPSK

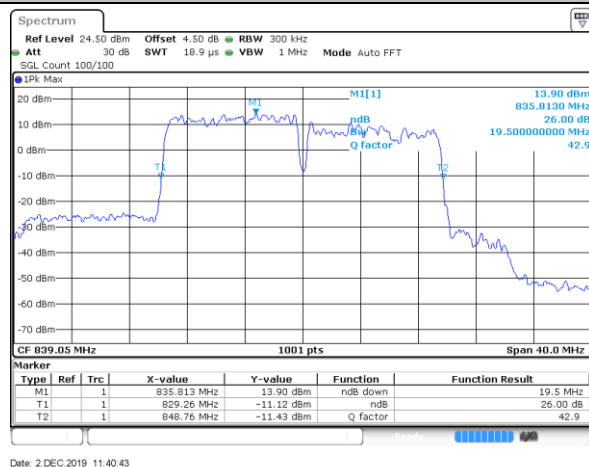
## Lowest Channel / 10MHz+10MHz



## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz

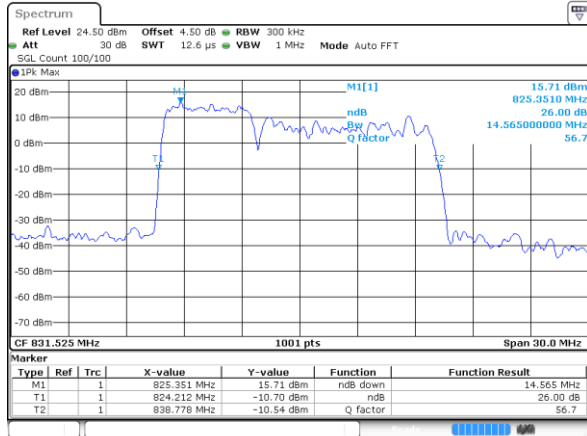




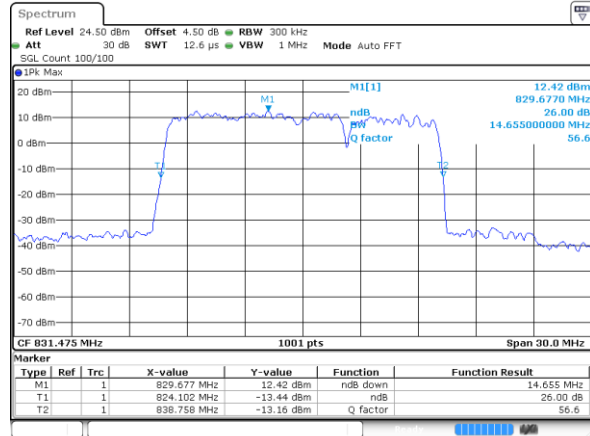
## LTE Band 5

## 16QAM

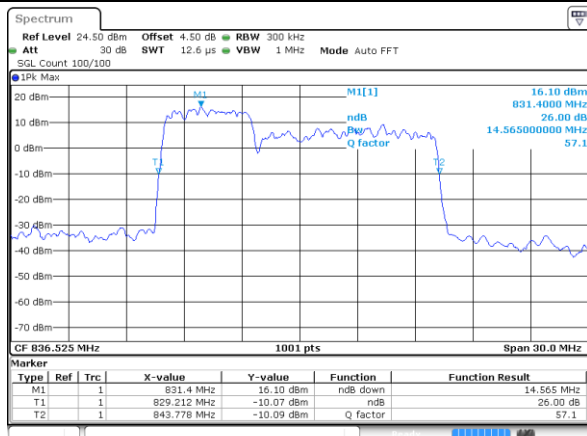
## Lowest Channel / 5MHz+10MHz



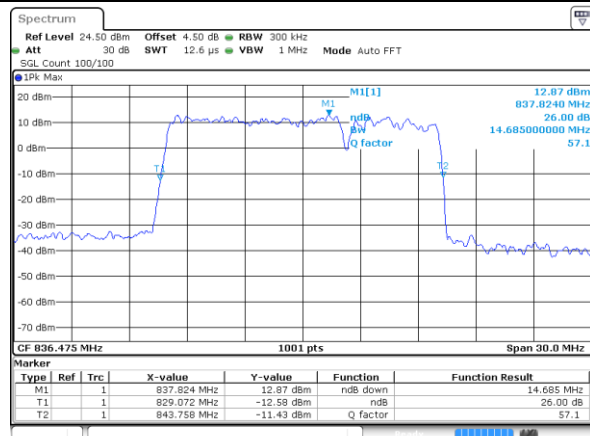
## Lowest Channel / 10MHz+5MHz



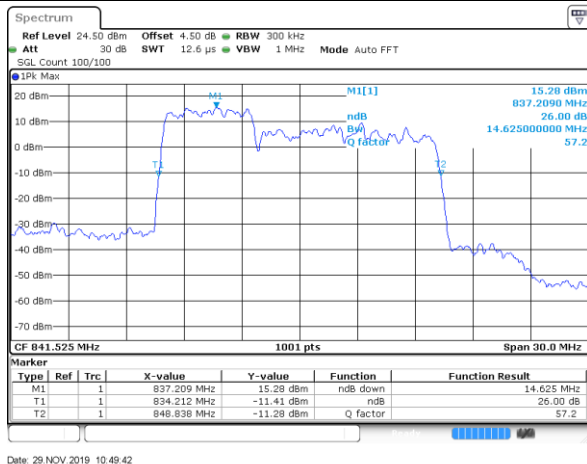
## Middle Channel / 5MHz+10MHz



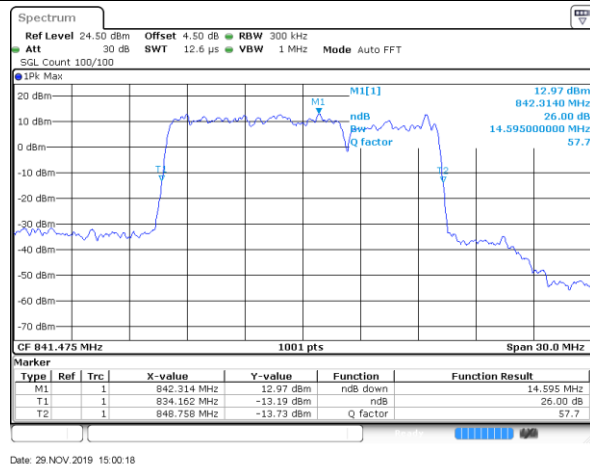
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz

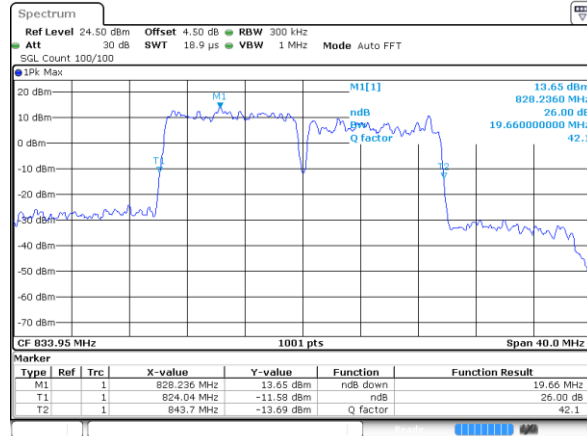




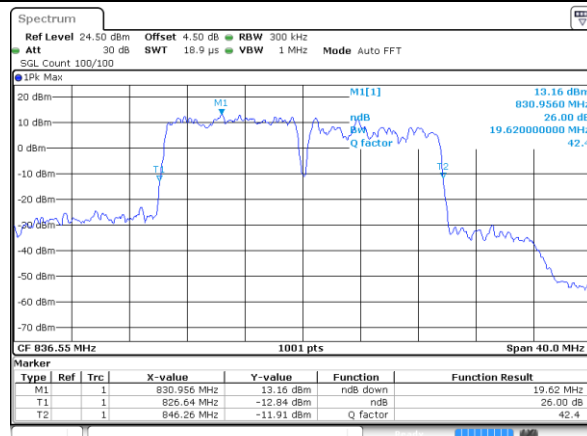
## LTE Band 5

## 16QAM

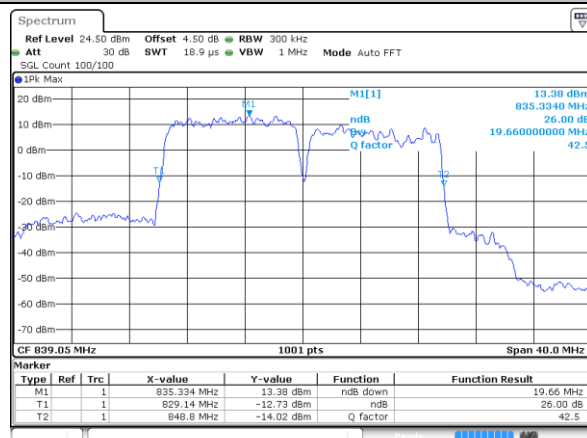
## Lowest Channel / 10MHz+10MHz



## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz

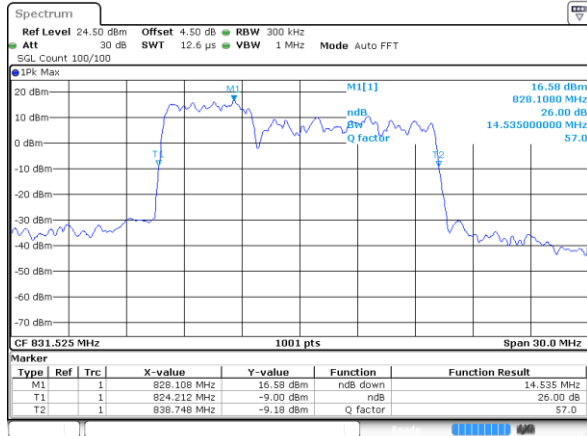




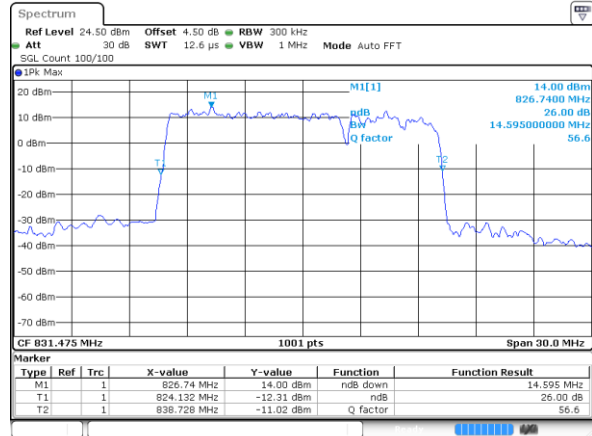
## LTE Band 5

## 64QAM

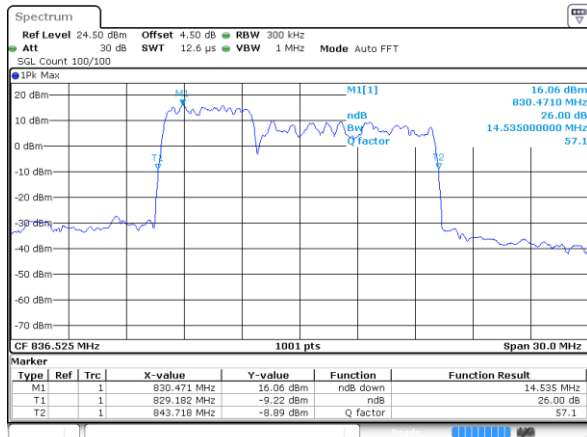
## Lowest Channel / 5MHz+10MHz



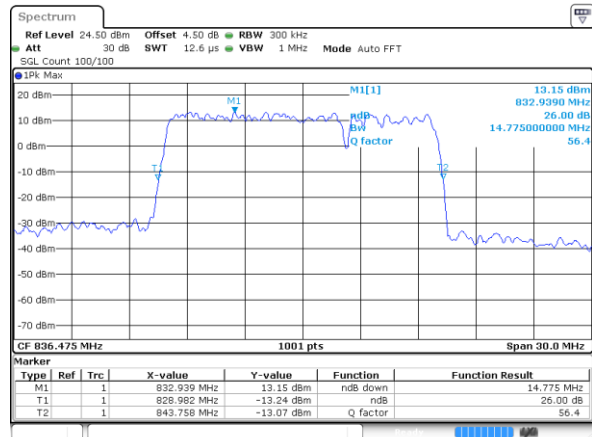
## Lowest Channel / 10MHz+5MHz



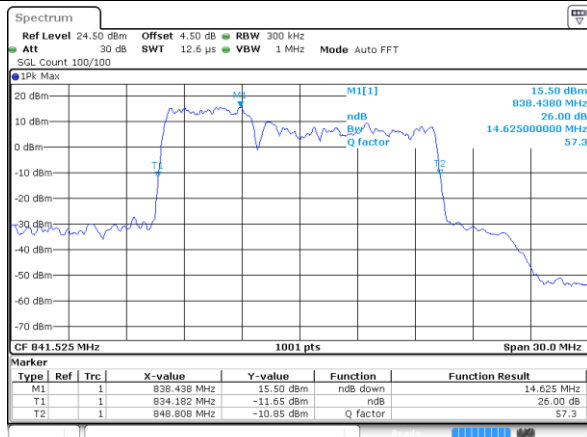
## Middle Channel / 5MHz+10MHz



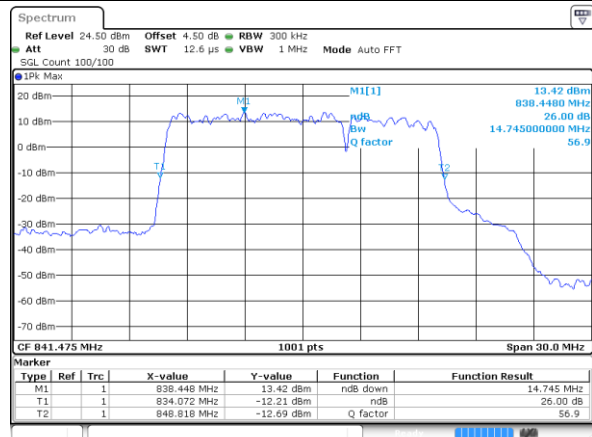
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz

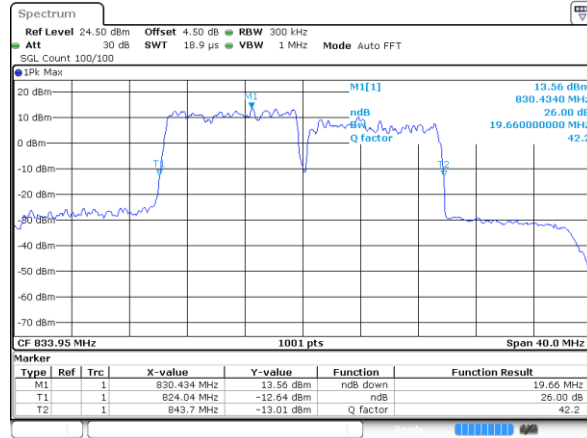




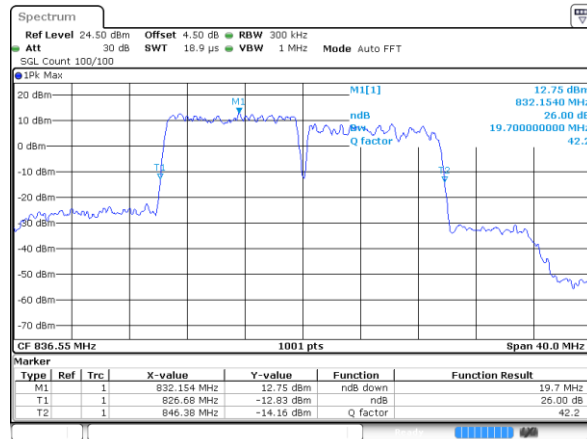
## LTE Band 5

## 64QAM

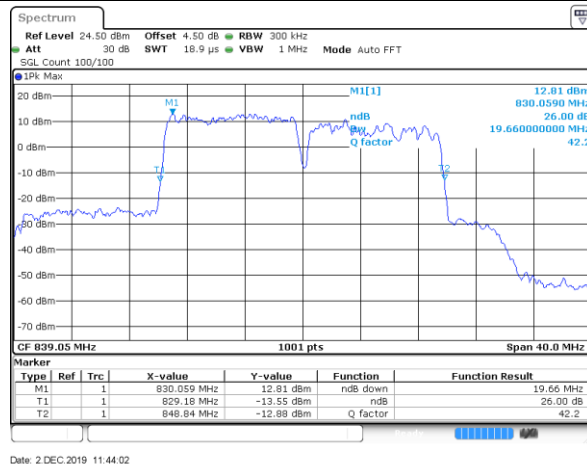
## Lowest Channel / 10MHz+10MHz



## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz



**Occupied Bandwidth**

| Mode       | LTE Band 5 : 99%OBW(MHz) |            |             |  |  |
|------------|--------------------------|------------|-------------|--|--|
| QPSK       |                          |            |             |  |  |
| BW         | 5MHz+10MHz               | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 13.76                    | 13.85      | 18.74       |  |  |
| Middle CH  | 13.91                    | 13.82      | 18.66       |  |  |
| Highest CH | 13.70                    | 13.76      | 18.82       |  |  |

| Mode       | LTE Band 5 : 99%OBW(MHz) |            |             |  |  |
|------------|--------------------------|------------|-------------|--|--|
| 16QAM      |                          |            |             |  |  |
| BW         | 5MHz+10MHz               | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 13.82                    | 13.88      | 18.74       |  |  |
| Middle CH  | 13.76                    | 13.94      | 18.66       |  |  |
| Highest CH | 13.73                    | 13.94      | 18.78       |  |  |

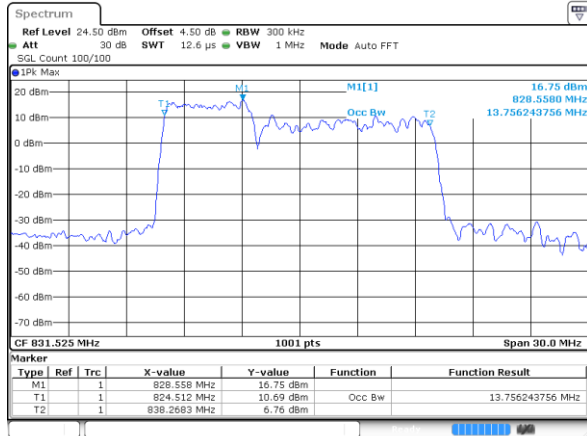
| Mode       | LTE Band 5 : 99%OBW(MHz) |            |             |  |  |
|------------|--------------------------|------------|-------------|--|--|
| 64QAM      |                          |            |             |  |  |
| BW         | 5MHz+10MHz               | 10MHz+5MHz | 10MHz+10MHz |  |  |
| Lowest CH  | 13.85                    | 13.91      | 18.78       |  |  |
| Middle CH  | 13.79                    | 13.91      | 18.70       |  |  |
| Highest CH | 13.79                    | 13.82      | 18.58       |  |  |



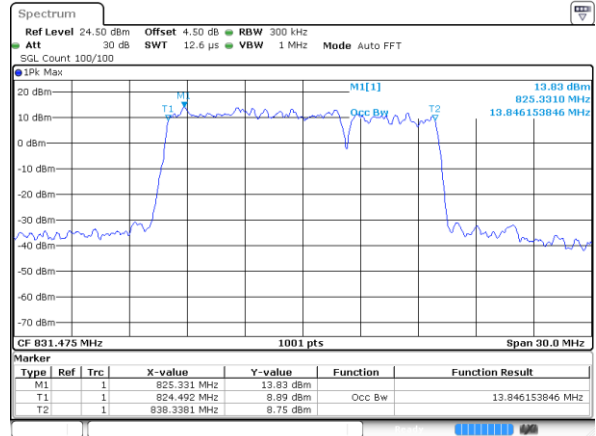
## LTE Band 5

## QPSK

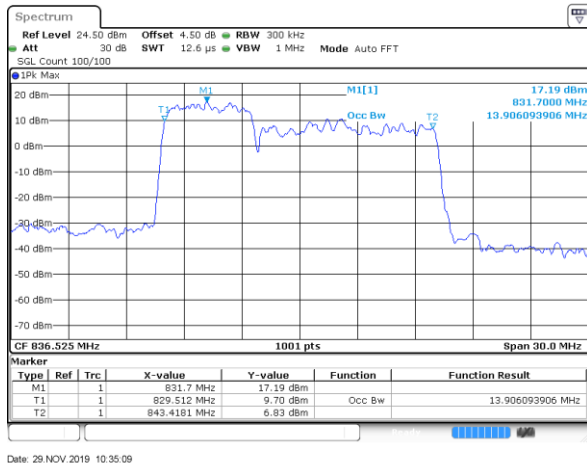
## Lowest Channel / 5MHz+10MHz



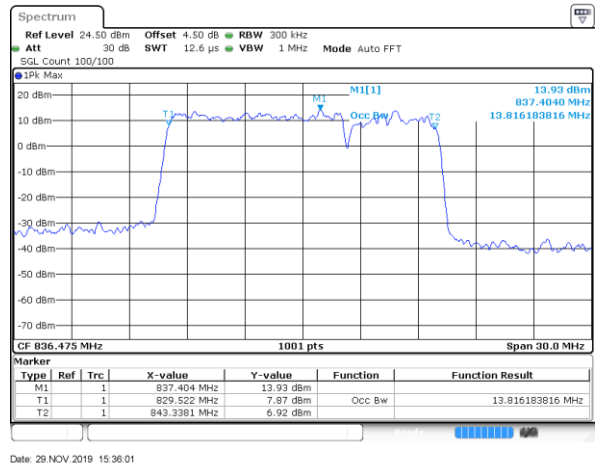
## Lowest Channel / 10MHz+5MHz



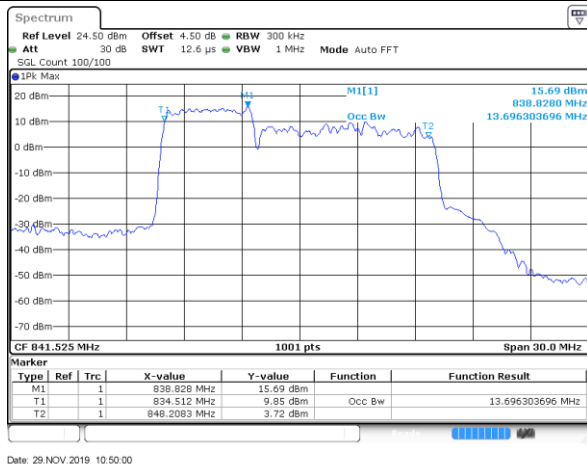
## Middle Channel / 5MHz+10MHz



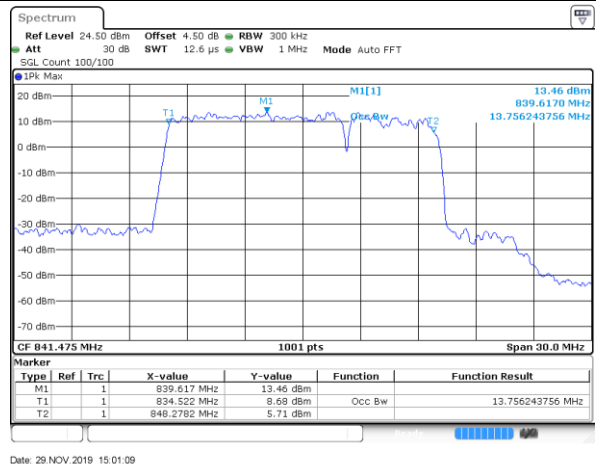
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz

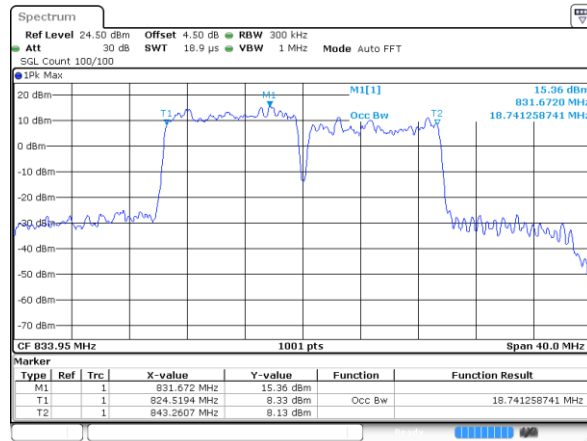




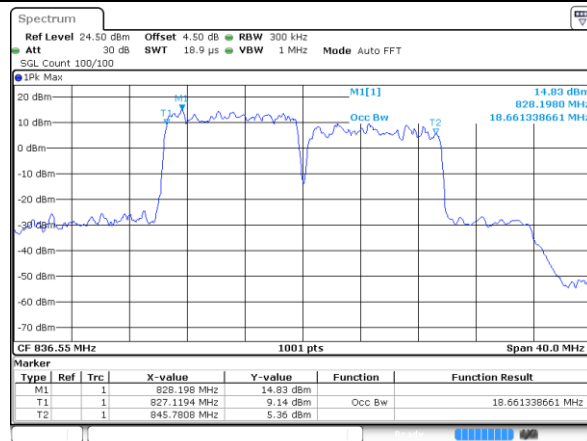
## LTE Band 5

## QPSK

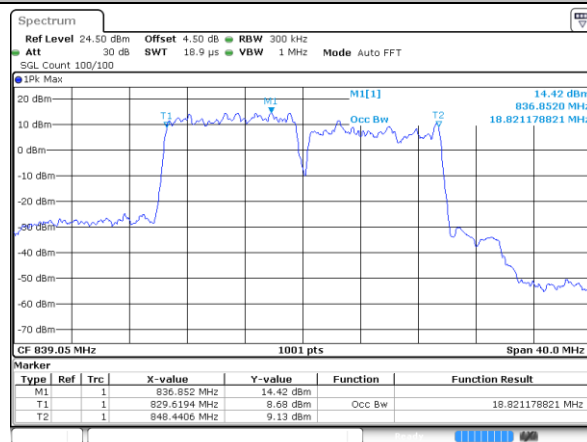
## Lowest Channel / 10MHz+10MHz



## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz

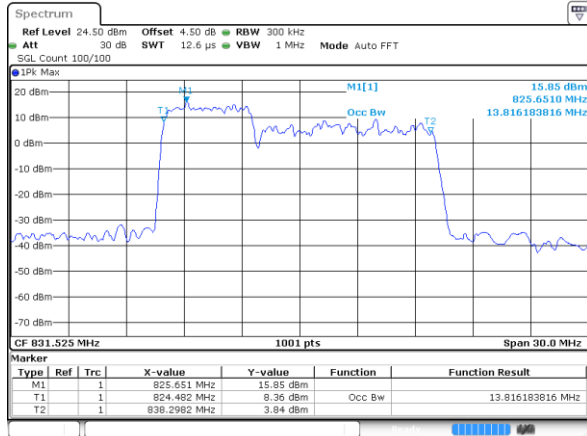




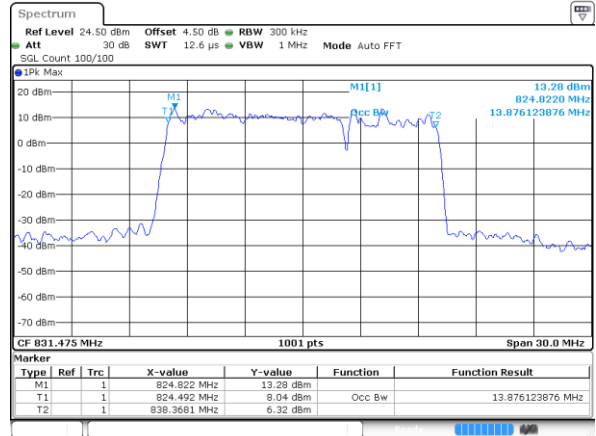
## LTE Band 5

## 16QAM

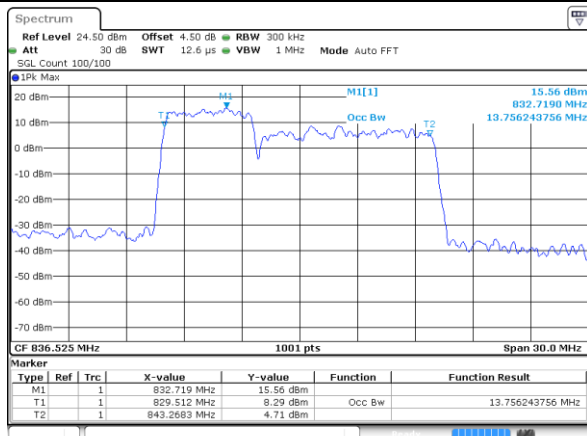
## Lowest Channel / 5MHz+10MHz



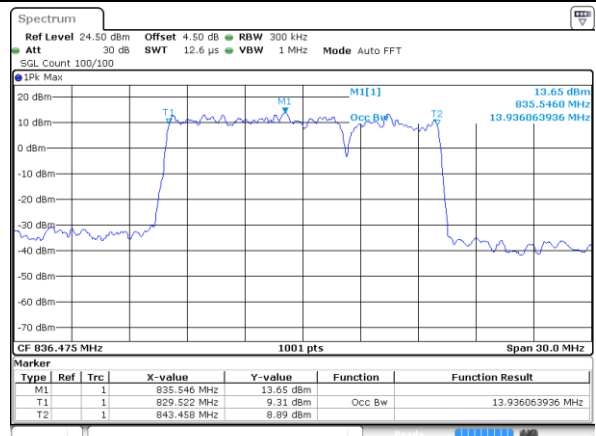
## Lowest Channel / 10MHz+5MHz



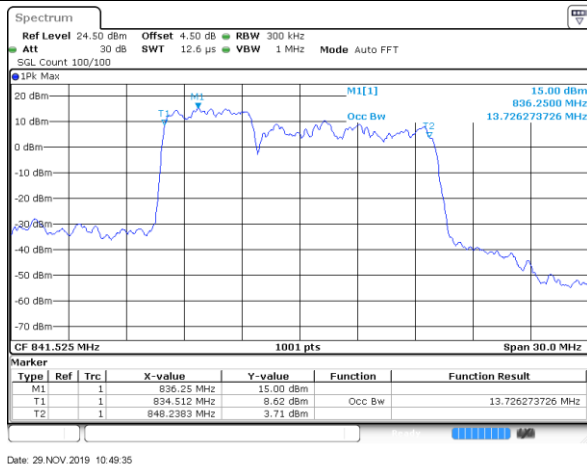
## Middle Channel / 5MHz+10MHz



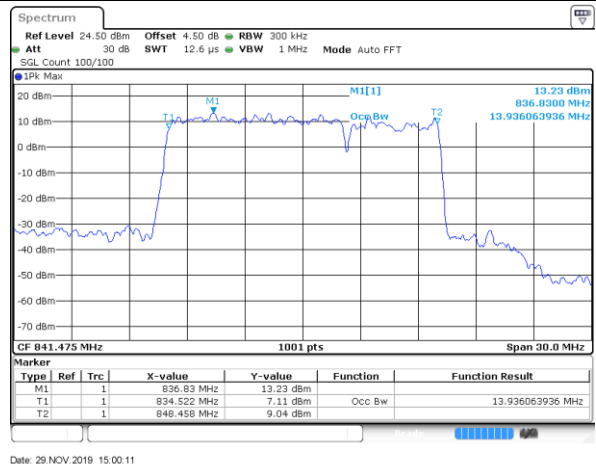
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz

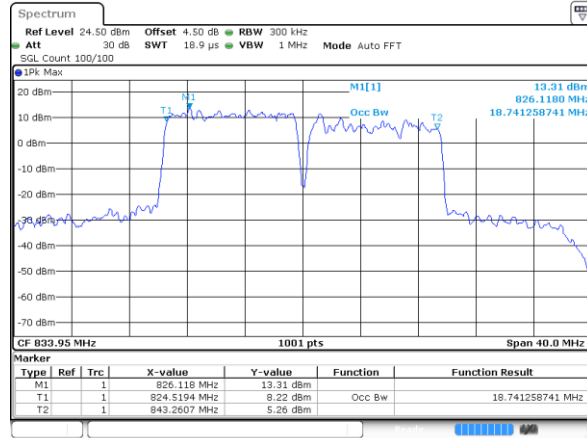




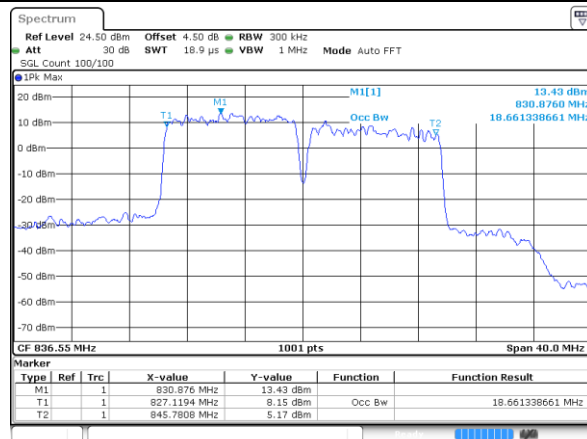
## LTE Band 5

## 16QAM

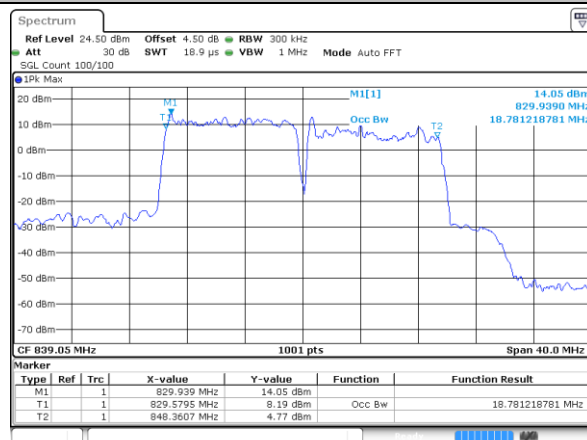
## Lowest Channel / 10MHz+10MHz



## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz

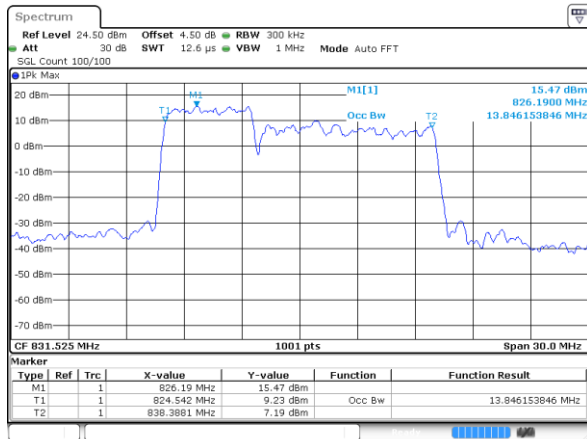




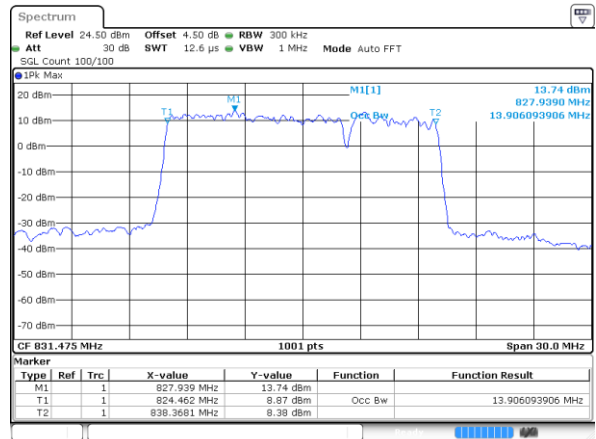
## LTE Band 5

## 64QAM

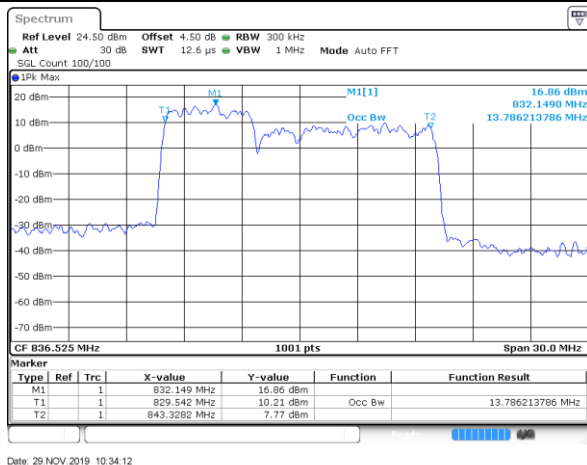
## Lowest Channel / 5MHz+10MHz



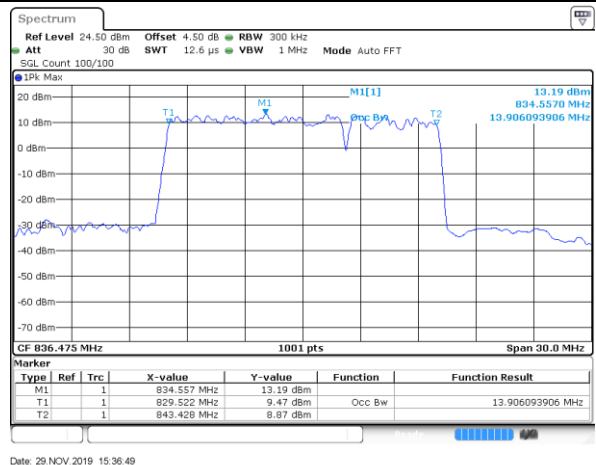
## Lowest Channel / 10MHz+5MHz



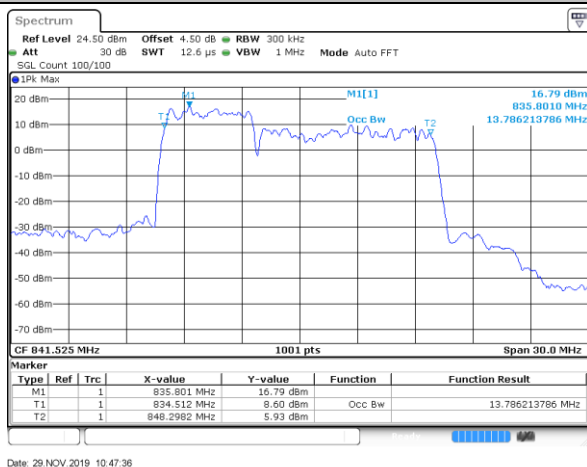
## Middle Channel / 5MHz+10MHz



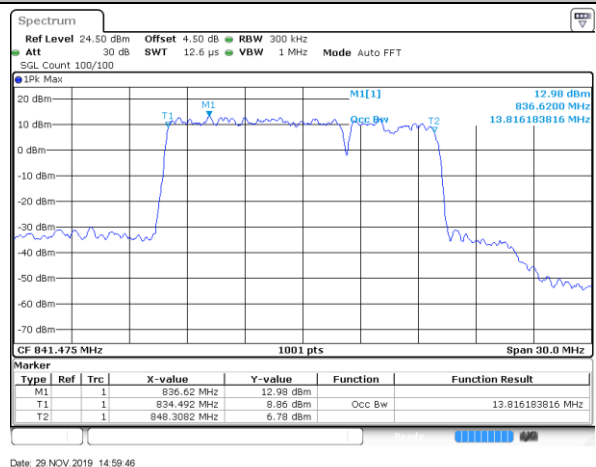
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz

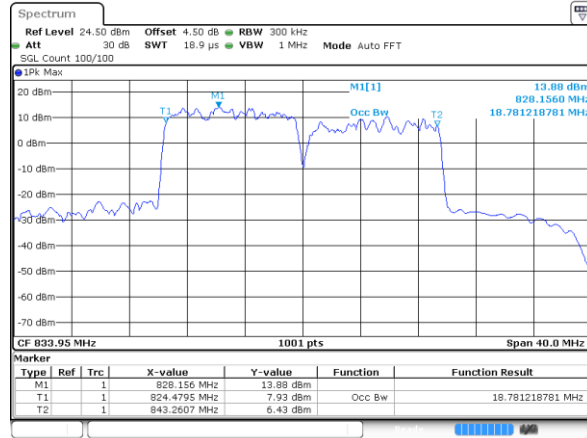




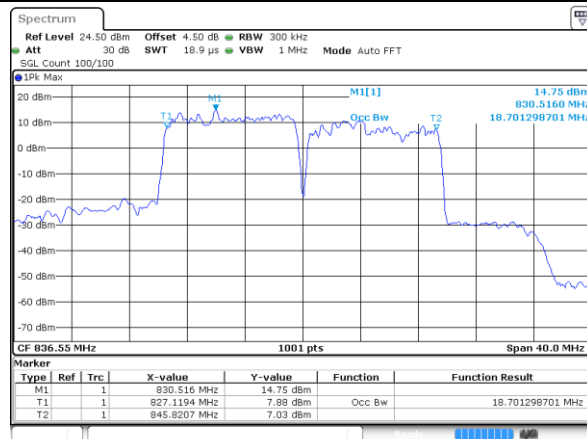
## LTE Band 5

## 64QAM

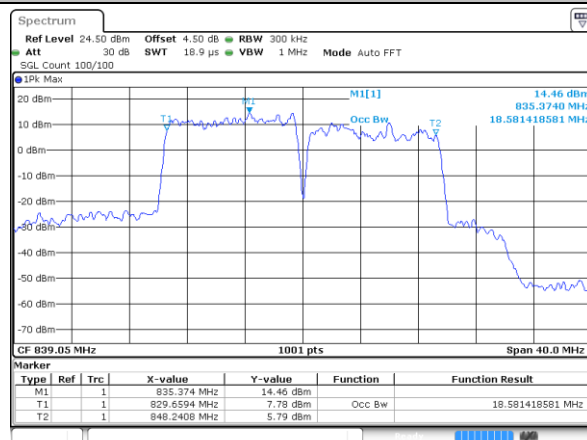
## Lowest Channel / 10MHz+10MHz

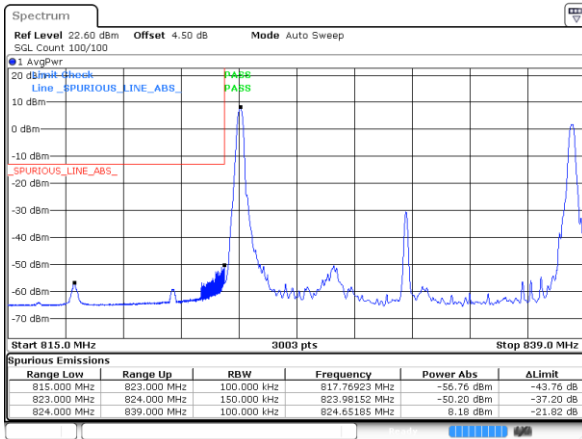
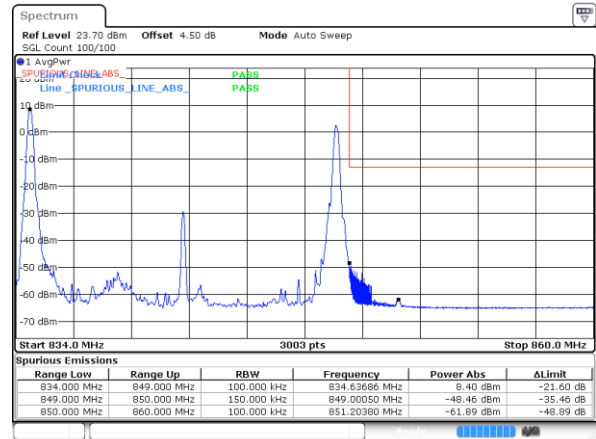
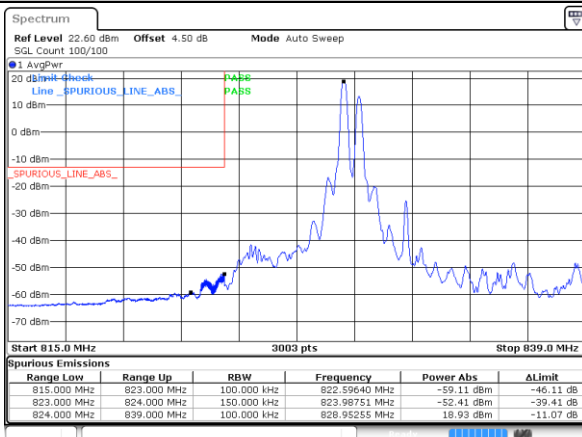
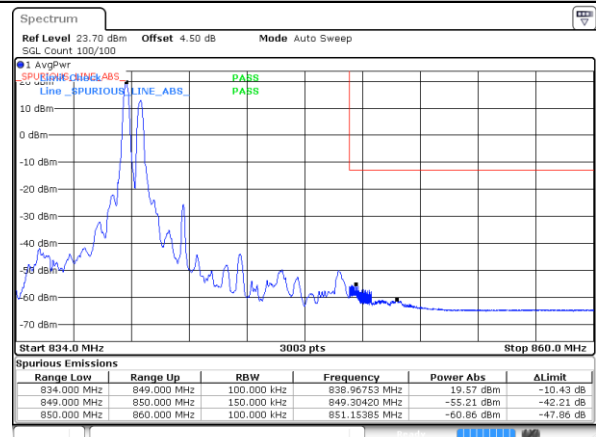
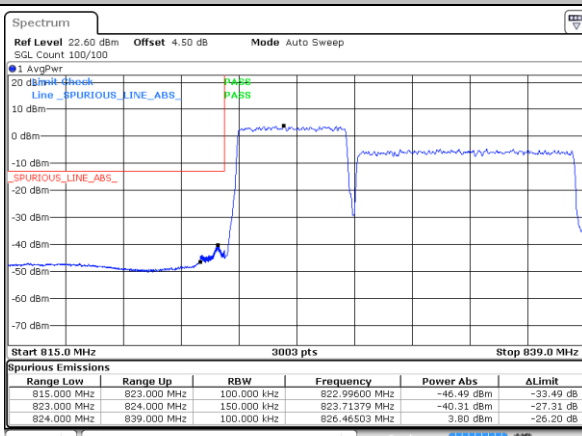
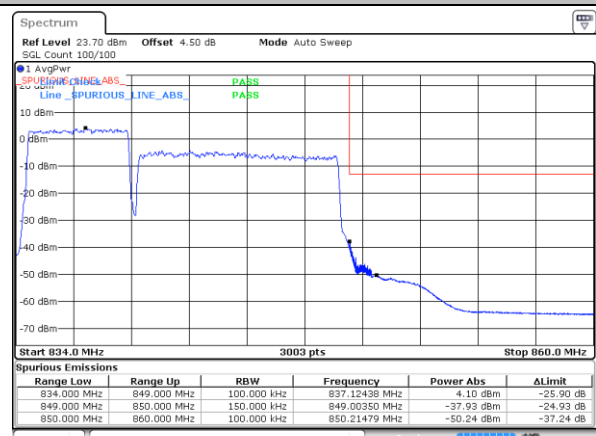


## Middle Channel / 10MHz+10MHz



## Highest Channel / 10MHz+10MHz



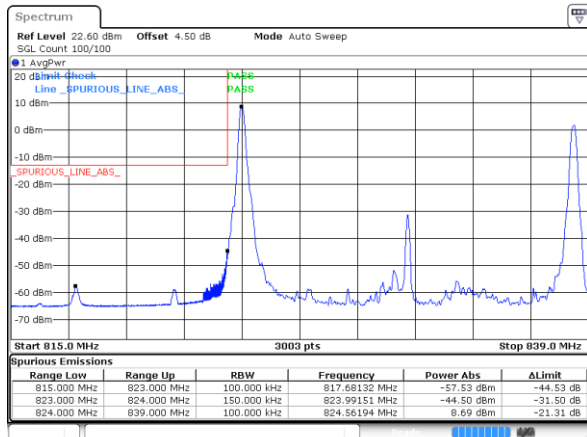
**Conducted Band Edge****LTE Band 5 / 5MHz+10MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB49****Highest Band Edge / 1RB0 and 1RB49****Lowest Band Edge / 1RB24 and 1RB0****Highest Band Edge / 1RB24 and 1RB0****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



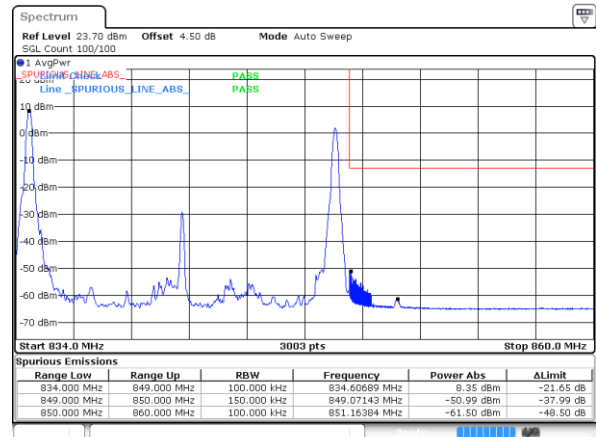
## LTE Band 5 / 10MHz+5MHz

## QPSK

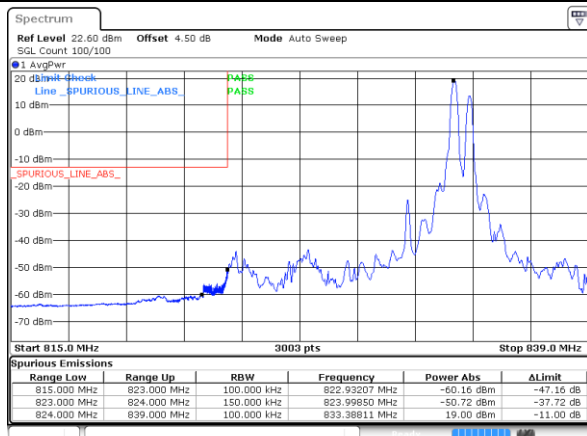
## Lowest Band Edge / 1RB0 and 1RB24



## Highest Band Edge / 1RB0 and 1RB24



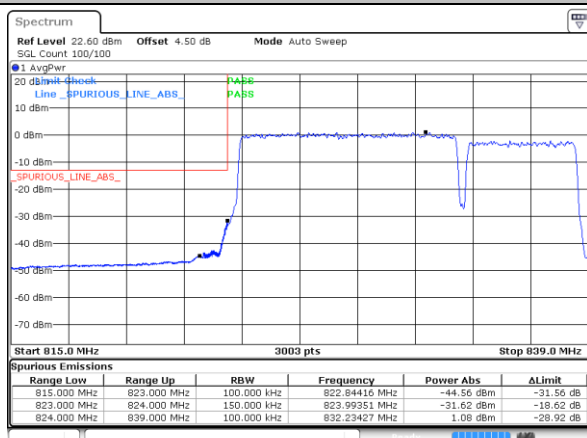
## Lowest Band Edge / 1RB49 and 1RB0



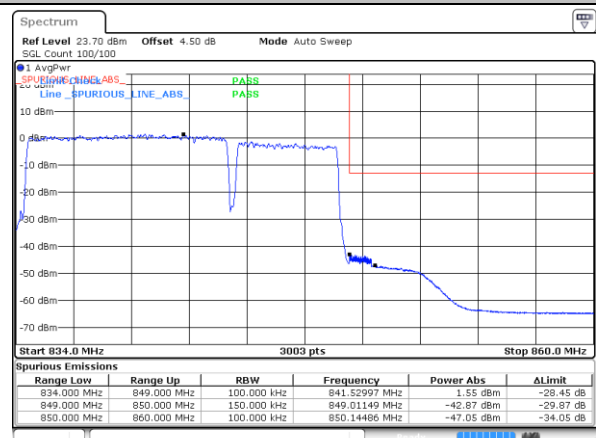
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

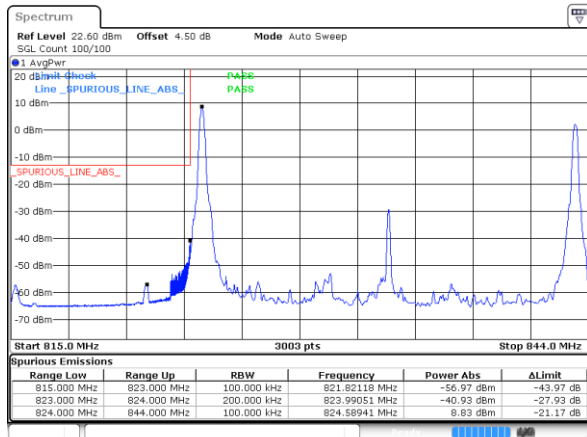




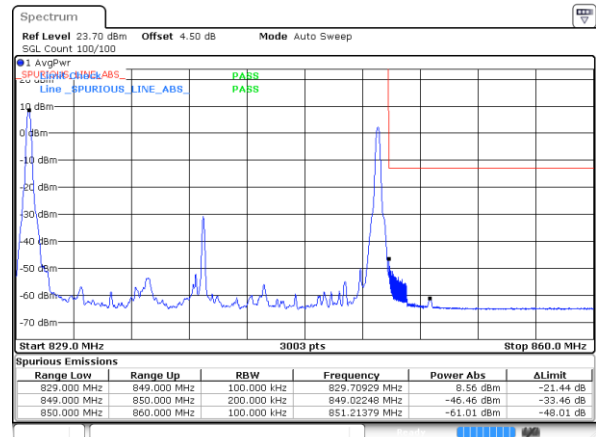
## LTE Band 5 / 10MHz+10MHz

## QPSK

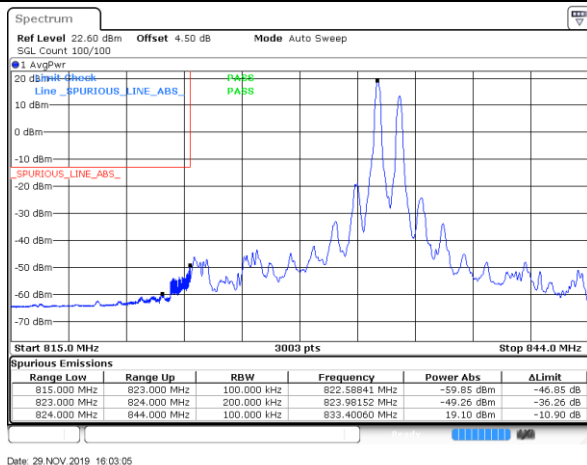
## Lowest Band Edge / 1RB0 and 1RB49



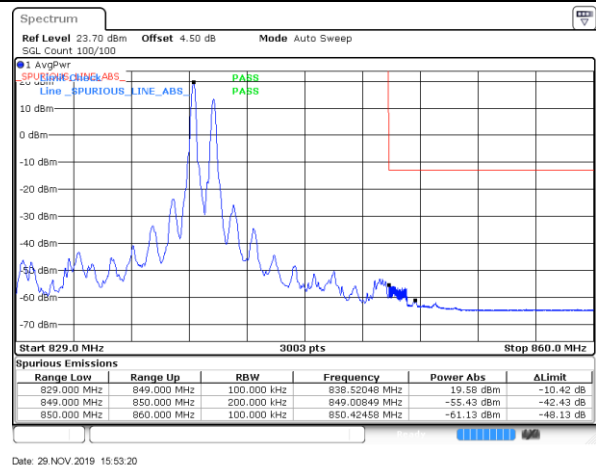
## Highest Band Edge / 1RB0 and 1RB49



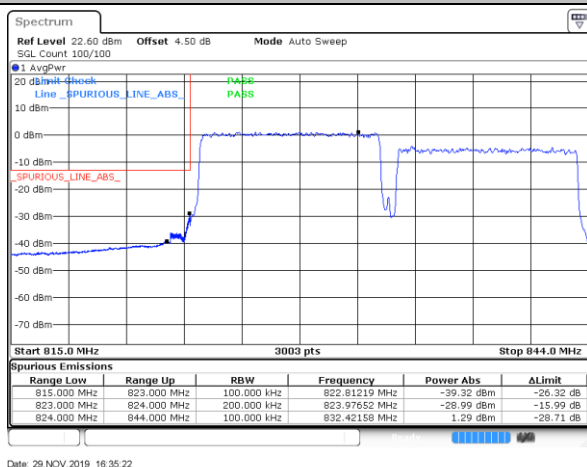
## Lowest Band Edge / 1RB49 and 1RB0



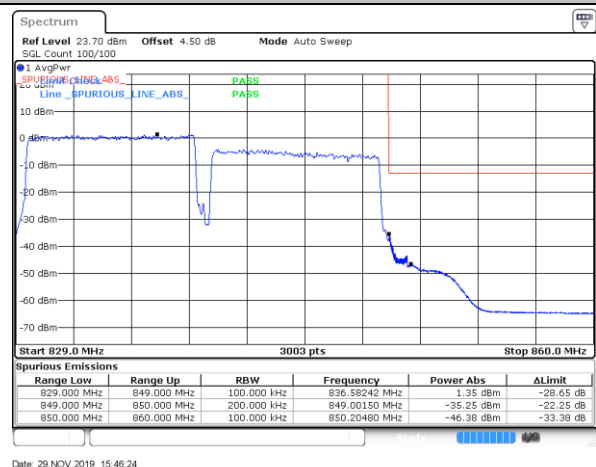
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

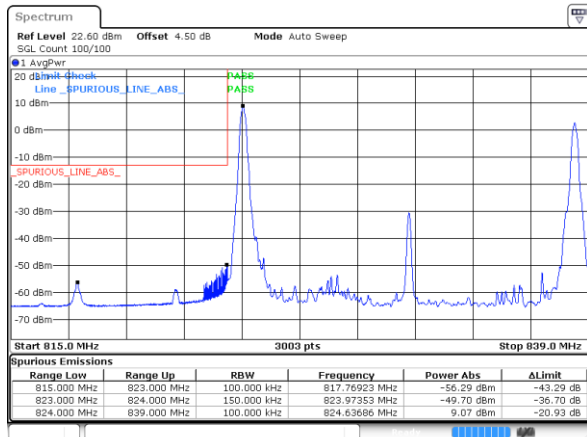




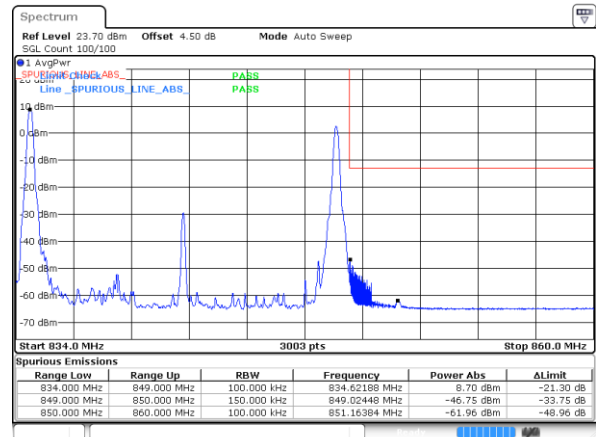
## LTE Band 5 / 5MHz+10MHz

## 16QAM

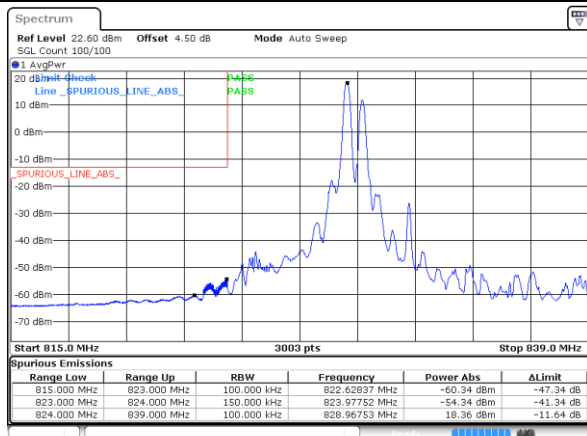
## Lowest Band Edge / 1RB0 and 1RB49



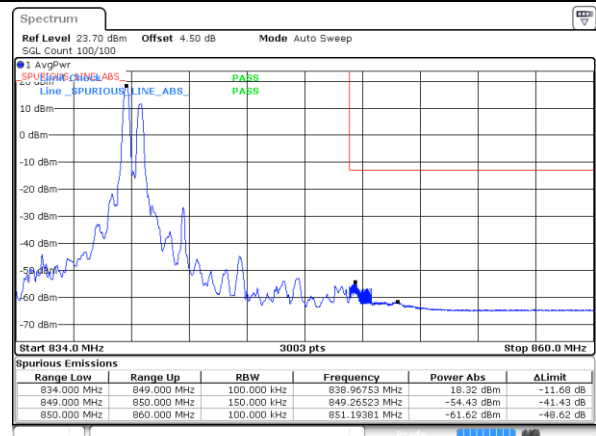
## Highest Band Edge / 1RB0 and 1RB49



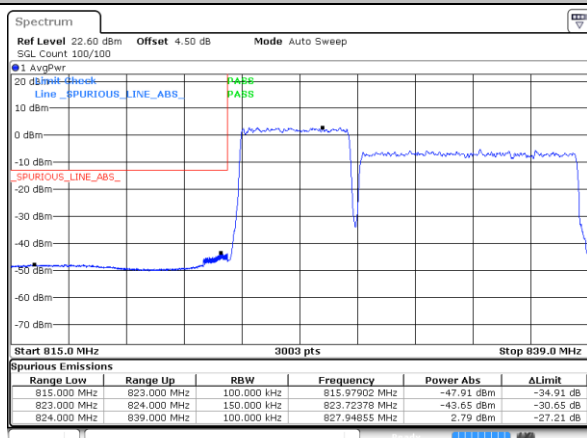
## Lowest Band Edge / 1RB24 and 1RB0



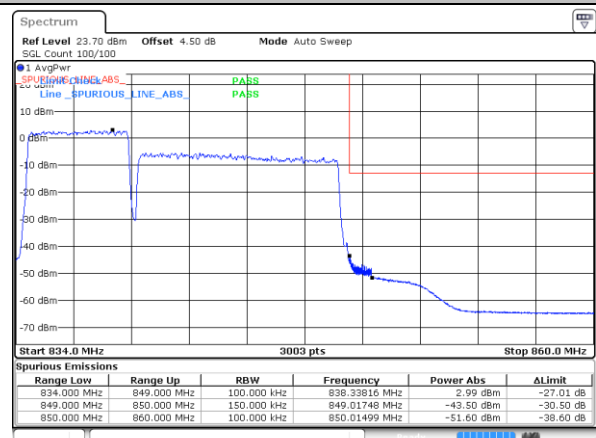
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

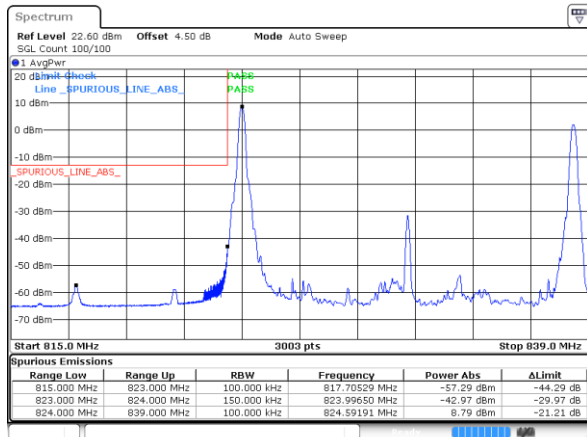




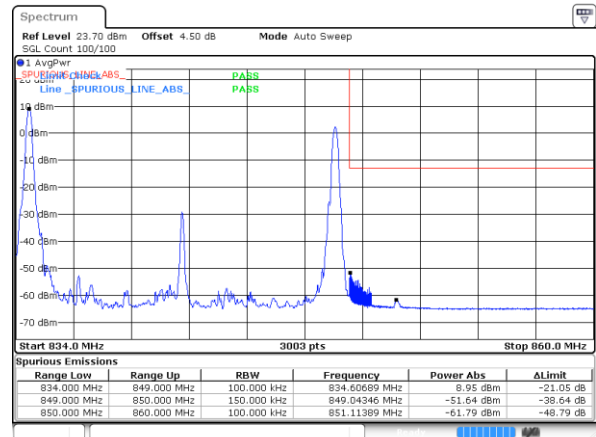
## LTE Band 5 / 10MHz+5MHz

## 16QAM

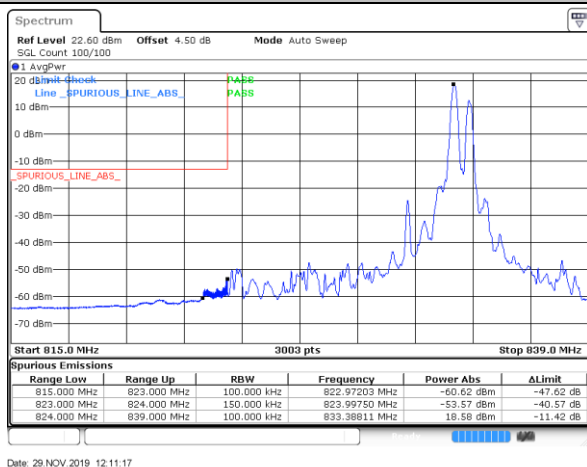
## Lowest Band Edge / 1RB0 and 1RB24



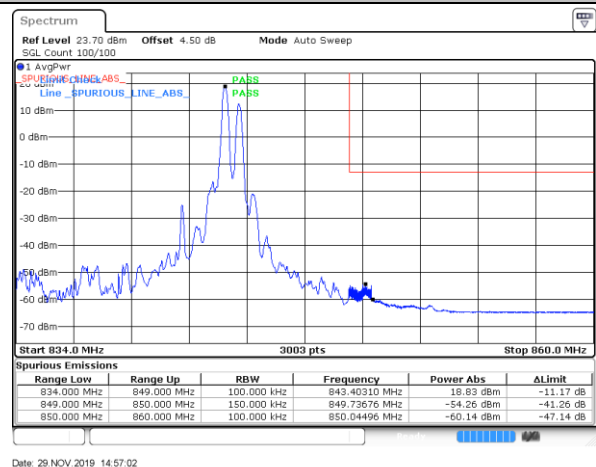
## Highest Band Edge / 1RB0 and 1RB24



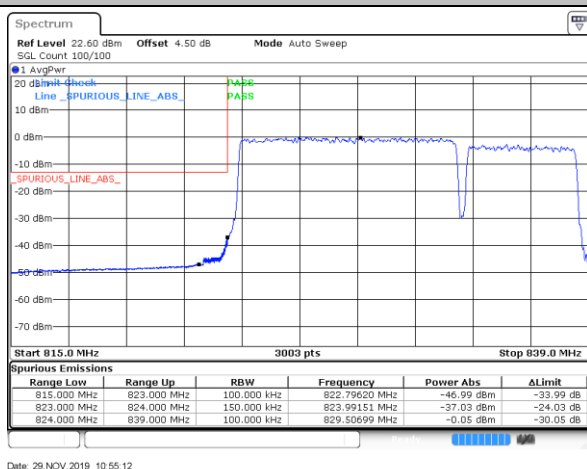
## Lowest Band Edge / 1RB49 and 1RB0



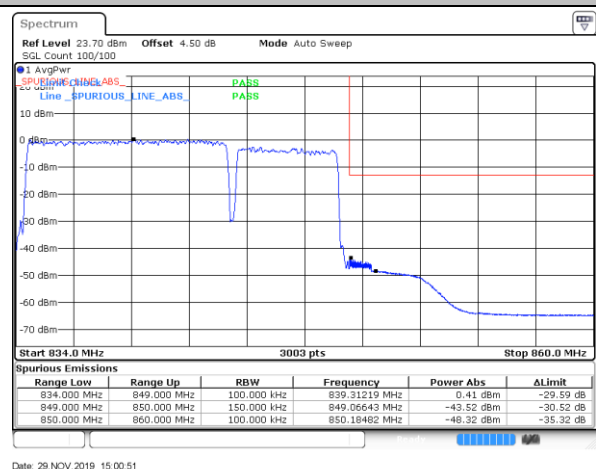
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

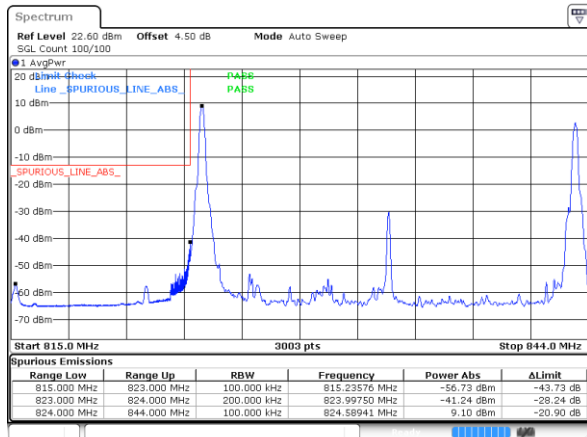




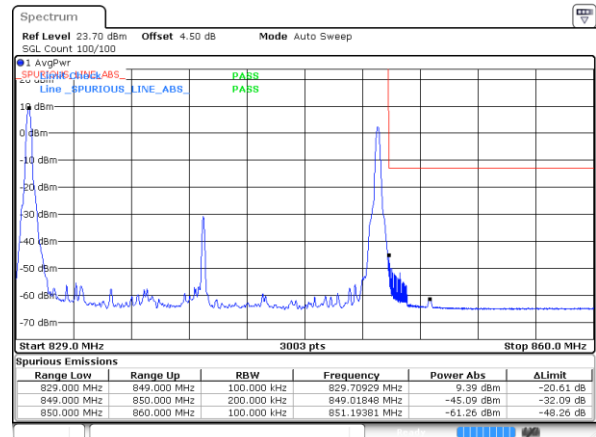
## LTE Band 5 / 10MHz+10MHz

## 16QAM

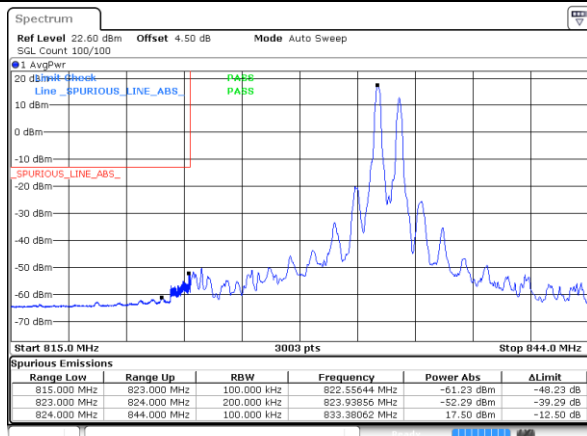
## Lowest Band Edge / 1RB0 and 1RB49



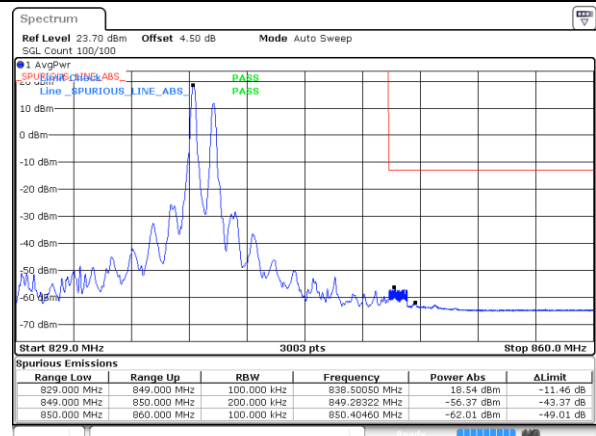
## Highest Band Edge / 1RB0 and 1RB49



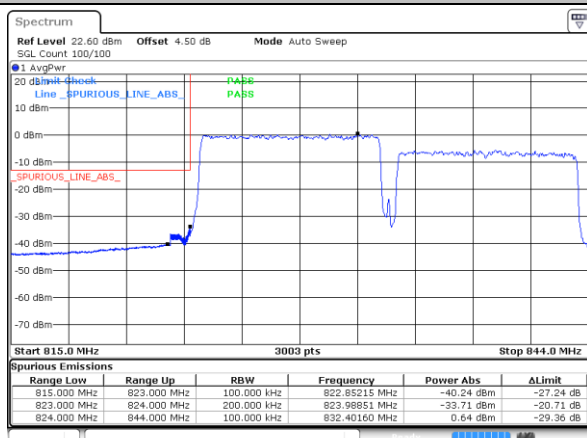
## Lowest Band Edge / 1RB49 and 1RB0



## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

